

ELEVENTH ANNUAL REPORT

STANFORD UNIVERSITY HOSPITALS

LANE HOSPITAL

STANFORD UNIVERSITY HOSPITAL

STANFORD SCHOOL OF NURSING

STANFORD OUT-PATIENT CLINICS

OF

STANFORD UNIVERSITY MEDICAL SCHOOL

AND

PALO ALTO HOSPITAL

SEPTEMBER 1, 1921, TO SEPTEMBER 1, 1922

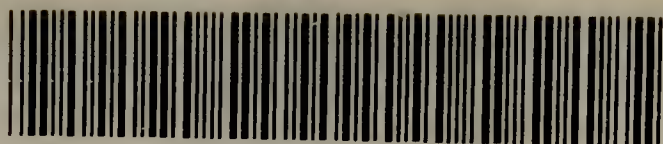
SAN FRANCISCO

S. E. CORNER CLAY AND WEBSTER STREETS

NOTE

Lane and Stanford University Hospitals are integral parts of Stanford University Medical School. They are adjoining buildings under one management. Lane is organized on a staff and clinic basis for teaching purposes. Stanford is designed and equipped with every modern convenience for the care and comfort of private patients.

The Palo Alto Hospital is owned by the City of Palo Alto, but is operated by the Hospital Department of Stanford University.



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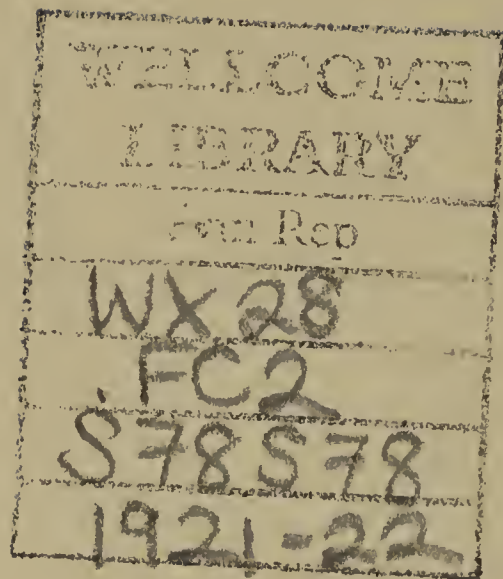
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STANFORD UNIVERSITY
PRESS

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THE UNIVERSITY BOARD OF TRUSTEES

(The figures in parentheses indicate year of beginning of service.)

FRANK BARTOW ANDERSON (1912),
California and Sansome, San Francisco
WILIAM B. BOURN (1917),
Filoli, San Mateo
SELAH CHAMBERLAIN, A.B. (1918),
(Mills Bldg., S. F.), Woodside, Redwood City
LELAND WHITMAN CUTLER, A. B. (1920),
Insurance Exchange, San Francisco
FRANK PRENTISS DEERING, A.M. (1916),
Nevada Bank Bldg., San Francisco
CHARLES PARMELEE EELLS, A.B. (1905), 2415 Pierce St., San Francisco
JOSEPH DONOHUE GRANT, A.B. (1891), 2200 Broadway, San Francisco
THOMAS TINGEY CRAVEN GREGORY, A.B. (1919), San Francisco
HERBERT CLARK HOOVER, LL.D. (1912), Washington, D. C.
TIMOTHY HOPKINS (1885), Nevada Bank Bldg., San Francisco
SAMUEL FRANKLIN LEIB, LL.B. (1891), First Ntl. Bank Bldg., Jan Jose
WILLIAM MAYO NEWHALL, B.S. (1912), 260 Calif. St., San Francisco
JAMES LEROY NICKEL (1909), Merchants Exchange Bldg., San Francisco
JOHN THOMAS NOURSE, A.B. (1920), Wells Fargo Bldg., San Francisco
MAX CAUFFMAN SLOSS, A.M. (1920), Mills Bldg., San Francisco

OFFICERS OF THE BOARD

President: WILLIAM MAYO NEWHALL.
Vice-President: MARCUS CAUFFMAN SLOSS.
Treasurer: TIMOTHY HOPKINS.
Secretary: THOMAS TINGEY CRAVEN GREGORY.
Assistant Secretary: LELAND CUTLER.
Assistant Treasurer: THOMAS TINGEY CRAVEN GREGORY.

PRESIDENT OF THE UNIVERSITY

RAY LYMAN WILBUR

DEAN OF THE MEDICAL SCHOOL

WILLIAM OPHÜLS

STANFORD UNIVERSITY HOSPITALS

LANE HOSPITAL

STANFORD UNIVERSITY HOSPITAL

STANFORD SCHOOL OF NURSING

STANFORD OUT-PATIENT CLINICS

PALO ALTO HOSPITAL

Lane Hospital and Stanford University Hospital are owned and controlled by the Leland Stanford Junior University.

CLINICAL COMMITTEE

The Clinical Committee appointed by the President from the Stanford University Medical Faculty and confirmed by the Board of Trustees, has immediate control over the hospitals and clinics. The members are:

Dr. William Ophüls, Chairman Dr. George Burbank Somers, Secretary
 Dr. Stanley Stillman, Dr. A. W. Hewlett,
 Dr. Alfred Baker Spalding.

HOSPITAL ADMINISTRATIVE STAFF

1921-22

Physician Superintendent.....George Burbank Somers
 House Physician.....Henry George Mehrtens
 Assistant House Physician.....William Mills
 Second Assistant House Physician.....Daniel Coll
 Resident, Obstetrics and Gynecology.....Hans von Geldern

SENIOR INTERNES, 1921-22—AT LANE HOSPITAL

Medicine and Pediatrics.....

}	Gunther W. Nagel
	D. E. Shepardson

 Obstetrics and Gynecology.....Charles F. Sebastian
 Surgery.....J. W. Jones
 Eye, Ear, Nose and Throat.....Rea Ashley

JUNIOR INTERNES, 1921-22—AT LANE HOSPITAL

Blaisdell, F. E.	Dixon, R. J.	George, J. M.	Lewis, J. K.
Christierson, S.	Flood, R. F.	Haig, R. T.	Miller, H.
	Smiley, K. E.		

EXECUTIVES OF DIVISIONS

Medicine and Subdivisions.....	Albion Walter Hewlett
Surgery and Subdivisions.....	Stanley Stillman
Obstetrics and Gynecology.....	Alfred Baker Spalding
Pathology.....	William Ophüls

Medical Adviser of Students.....	Henry George Mehrtens
Clinic Dentist.....	John L. Campbell
Director, Radiology Department.....	W. E. Chamberlain
Director, Physical Therapy Department.....	Henry Leslie Langnecker
Director, Clinical Laboratory.....	H. A. Wyckoff
Serologist.....	Harry R. Oliver
Chief Anaesthetist.....	Caroline B. Palmer
Assistant Anaesthetist.....	J. Robert Burrows
Head Social Service Worker.....	Miss M. Wales

BUSINESS ADMINISTRATION

Accountant.....	Mr. V. W. Olney
Cashier (day).....	Miss Anna J. Leik
Cashier (night).....	Mr. H. E. Griffin
Bookkeepers.....	{ Miss Edythe Lutley Mr. E. Eriksen Miss V. Lee
Mail Clerk.....	Miss M. Foley
Telephone Operators.....	{ Miss K. Foran Miss R. Larson Miss M. Hughes
Secretary to Physician Superintendent.....	Miss M. A. Bassett
Receiving Nurse.....	Miss Claire Kent
Registration Nurse.....	Miss Miller
Information Nurse (Lane).....	Miss M. Hammond
Office Nurse (Stanford).....	Miss M. Doyle
Information Clerk (Stanford).....	Mrs. A. Grimmer
Purchasing Agent.....	Mr. E. L. Slack
Assistant Storekeeper.....	Miss Henrietta Suter
Stenographer and File Clerk.....	Miss R. Hanley
Head Nurse, Supply Room.....	Miss Clara DeForest
Assistant, Supply Room.....	Mrs. Riley
Druggist.....	Mr. Samuel Weinberg
Assistant Druggist.....	Mr. H. Furlong
Housekeeper.....	Mrs. I. Crokaert

Engineer.....	Mr. A. B. Saunders
Head Laundryman.....	Mr. George Hardacre
Dietitian.....	Miss Lottie Sloan
Assistants to Dietitian.....	{ Miss M. Shupe Miss G. A. Mason Miss Ethel McClellan
Chef	J. Richles
Head Janitor.....	George Herman

STANFORD SCHOOL OF NURSING

Maude Landis, R.N.,

Professor of Nursing and Superintendent of Nurses

A.B., Kansas State University; Scarritt Hospital Training School, Kansas City;
graduate work, Teachers' College, Columbia University.

Mary R. Walsh, R.N.....Instructor in Practice of Nursing
Massachusetts General Hospital.

Sarah G. White, R.N.....Instructor in Theory of Nursing
Pasadena Hospital; B.S., Teachers' College, Columbia University.

The above are members of the University Faculty.

Gladys A. Gilman, R.N.....Assistant Superintendent of Nurses
Stanford School of Nursing.

Ruth H. Gustafson, R.N.....Second Assistant Superintendent of Nurses
Washington Park Hospital (Chicago).

Rena Virtue, R.N.....Night Supervisor
Stanford School of Nursing.

Susan Tarr, R.N.....Assistant Night Supervisor
Stanford School of Nursing.

Augusta Arendes, R.N.....Supervisor of Operating Room
San Francisco Hospital.

Lou Adams, R.N.,

First Assistant and Instructor in Operating Room Technique
Lakeside Hospital (Cleveland).

Zowitz Nicholas, R.N.....Second Assistant in Operating Room
Seattle General Hospital.

Ruth G. Spande, R.N.....Supervisor, Pediatric Department
Stanford School of Nursing.

Mary F. Webb, R.N.....Supervisor, Obstetrical Department
Stanford School of Nursing.

HEAD NURSES—STANFORD UNIVERSITY HOSPITAL

Alta Low, R.N.....Fifth Floor
Hahneman Hospital.

Caroline Edmiston, R.N.....Fourth Floor
Stanford School of Nursing.

Edith Cole, R.N.....Third Floor
Stanford School of Nursing.

Marian Lesser, R.N.....	Second Floor
St. Luke's Hospital (St. Louis).	
Abbie Doak, R.N.....	Male Medical Ward
Peter Bent Brigham (Boston).	
Student Nurse.....	Male Surgical Ward
Emma Warden, R.N.....	Women's Surgical Ward
Stanford School of Nursing.	
Rebecca Anderson, R.N.....	Gynecological Ward
Stanford School of Nursing.	

MEDICAL INSTRUCTION

Medical Diseases.....	Dr. H. Miller
Surgical Diseases.....	Dr. J. W. Jones
Pediatrics.....	Dr. H. K. Faber
Gynecology.....	Dr. A. B. Spalding
Obstetrics.....	Dr. H. A. Stephenson
Orthopedics.....	Dr. H. L. Langnecker
Anaesthesia.....	Dr. C. B. Palmer
Mental and Nervous Diseases.....	Dr. E. F. Stadtherr
Skin and Venereal Diseases.....	Dr. H. E. Alderson
Eye Diseases.....	Dr. W. Swett
Ear, Nose and Throat.....	Dr. R. Ashley
Public Sanitation.....	Dr. W. C. Hassler
Communicable Diseases.....	Dr. R. W. Burlingame
Massage and Hydrotherapy.....	Dr. H. L. Langnecker

COURSES IN NURSING

For information concerning the Nursing Department see circular issued by the Stanford School of Nursing, which will be sent on application to Lane Hospital.

In connection with the study of nursing, attention is called to the pre-nursing course as follows:

PRE-NURSING CURRICULUM

The Pre-Nursing Curriculum is designed primarily for those who wish to prepare themselves for administrative, teaching, social service, or public health work. The course of study consists of three years work at Stanford University and two years in nursing at the Stanford School of Nursing, Lane Hospital, San Francisco, the degrees of *Bachelor of Arts* and *Graduate Nurse* being conferred at the close of the five years. Students in this course must complete 135 quarter units of university work before entering the School of Nursing. Of these 135 units, 67 are prescribed, 68 are elective.

The prescribed subjects are:

Anatomy (special course).....	10 units
Bacteriology 1.....	4 units
*Chemistry, 1, 2, 3, <i>a</i> , <i>b</i>	13 units
Modern Language.....	15 units
†Physics, 1 <i>a</i> , 1 <i>d</i>	10 units
Physiology, 3, 4.....	10 units
Zoology 1.....	5 units

The electives may be chosen according to the individual interests of the student. As a suggestion, the following subjects are recommended: Economics, Education, English, History, and Psychology.

The courses in Modern Language, Chemistry, Physics, and Zoology are prerequisites for Anatomy, Bacteriology, and Physiology, and must be completed in the first six quarters.

Students intending to take this course should confer with Professor C. S. Stoltenberg, Stanford University, and with Miss Maude Landis, Superintendent of Nurses, Lane Hospital, San Francisco. Prospective students are urged to take their probationary period as nurses (four months) early in the course, while they are still at the University. This work can be arranged for during the summer quarter.

Graduates of schools of nursing affiliated with an institution of collegiate rank may be granted, on recommendation of the Pre-Nursing Committee, a maximum advanced credit of forty-five units, provided they have also fulfilled the requirements of graduation and recommendation from an accredited high school.

Graduates of accredited schools of nursing not affiliated with an institution of collegiate rank should have, in addition to the high school requirements, one year of successful administrative or educational experience.

As the number of women students in the University is limited, applications should be filed a considerable time in advance. (See *Information Bulletin*, p. 56.)

For students entering with advanced standing, a minimum of 45 quarter units of resident work at Stanford University will be required.

* Entrance Chemistry is equivalent to courses 2 and *a*.

† Entrance credit in Physics may be substituted.

HISTORY

Lane Hospital was built in 1893 and 1894 by Dr. Levi Cooper Lane on land donated by Captain James M. McDonald and deeded to Cooper Medical College. It contained provision for about one hundred patients. The hospital was formally opened on January 2, 1895, by a public surgical operation in the amphitheater, performed by Dr. Lane, followed by addresses by Dr. Lane and Dr. Edward R. Taylor. The equipment of furniture, utensils, linens, instruments and apparatus was provided by the Faculty of Cooper Medical College out of the surplus earnings of the college. The hospital having no endowment, the expenses, which were greater than the income in the first few years of the hospital's activity, were met by the college.

Lane Hospital was designed by Dr. Lane as a teaching hospital, with the object of furnishing hospital care for clinical cases for the benefit of the students of the college. Not having a sufficient endowment, however, to warrant the hospital being considered a charitable institution, it still did a large amount of charitable work, many clinic cases being taken at less than cost and a few as free patients. Dr. Lane's desires in the matter may perhaps best be stated in his own words:

"This hospital, erected in the year 1893 by Levi Cooper Lane, physician and surgeon, with money earned in his profession, is given by him to suffering humanity and to the healing art, in the hope that the former may here find refuge and relief, the latter, exercise of its humane skill and intelligent sympathy."

A school for nurses, with a two-years' curriculum, was inaugurated with the opening of the hospital, and in 1898 the nurses were given a home outside the hospital building. The course of training was increased to three years in 1900. In 1908 some much-needed enlargements and improvements in the hospital were made, increasing the capacity to one hundred and eighty beds, and new laboratories were established for clinical pathology and for photography and actinography.

Any profit which accrued from the care of private patients was expended in improving the facilities of the hospital and in the care of a limited number of indigent patients.

Lane Hospital was conducted by a committee of the Faculty of Cooper Medical College, who served without compensation, but its facilities have always been available to physicians and surgeons of repute on the same terms as to members of the Faculty.

On July 1, 1912, Lane Hospital, with all of Cooper Medical College properties, was conveyed to Leland Stanford Junior University, since

when the hospital has been conducted by the Clinical Committee of the Medical School of the University.

ORGANIZATION

With the change of the status of Lane Hospital and the Medical School to a university basis, the teaching uses of the hospital rapidly enlarged. The increased number of clinic patients and the demands for space for student uses crowded the accommodations of the hospital to such a degree that other provisions had to be made for private patients. The Board of Trustees of Stanford University accordingly built the recently completed Stanford University Hospital especially for the care and comfort of private patients, while Lane Hospital is now conducted as a staff and clinic hospital for teaching purposes.

These two hospitals are under the control of the Clinical Committee, which is made up of five members of the Stanford University Medical Faculty, appointed by the President of the University and approved by the Board of Trustees. The Trustees of Stanford University control the funds and the receipts of the hospital. All gifts, income from endowments and surplus funds are kept in a separate account and disbursed only upon resolution of the Trustees, while current receipts are, upon the approval of the Physician Superintendent and the Dean of the Medical School, used by the Treasurer of the University to meet current bills.

STANFORD UNIVERSITY HOSPITAL

The hospital was completed and open for inspection December 22, 1917, and occupied by patients December 26, 1917. The Clinical Committee in charge of the plans consisted of Dr. R. L. Wilbur, Chairman; Dr. George B. Somers, Secretary; Dr. William Ophüls, Dr. A. B. Spalding, and Dr. Stanley Stillman. The special features planned by the committee are the operating rooms, Zander rooms, hydrotherapeutic, electrotherapeutic and X-ray departments; the numerous solaria and balconies, connected with the private rooms, the ample size and complete equipment of service kitchens, utility and supply rooms, and the generous accommodations for special nurses in the line of dressing rooms, rest rooms, locker rooms, baths, etc.

LANE MEDICAL LIBRARY

The Lane Medical Library, with its collection of 53,500 bound volumes and a periodical list of 540 journals, is situated in its own building across the street from the Medical School and Lane Hospital, convenient to the staff and the medical students. The report of the

Librarian for 1921-1922 shows that 14,269 visits were made by physicians and students, and 7,166 books were loaned during the year.

In 1921-1922 the Lane Medical Library added to its list of members five regular members; eleven members canceled their subscriptions. The Lane Library has now sixty-nine regular and fifty-two life members.

During the year, 1,887 bound volumes were added to the library; 463 new books and 50 volumes of periodicals were added by purchase; 118 volumes for the history of medicine and 186 books bought from Dr. Crawford's estate; 185 books and 55 volumes of periodicals were donated to the library; 1,008 books were bound, and we added about 250 reprints to our collection. Three periodical sets were completed and nine new subscriptions added to our list.

At the suggestion of Dr. A. Barkan, and with his assistance, the University has started a section on the history of medicine in the Lane Medical Library. The complete collection of Professor E. Seidel in Meissen and more than 1,000 volumes from various sources have already been purchased. The library of Professor E. Seidel contains medical books and manuscripts in the Turkish, Persian, and Arabic languages and also a fine collection of ancient and medieval authors. This fine collection numbers about 5,000 books and pamphlets.

Many valuable gifts were received by the library this year. Dr. Barkan sent from Italy twenty-one old medical books, which are very fine indeed and in perfect condition.

The largest gift received this year is the one given by Dr. H. C. McClenahan, consisting of all the books and journals owned by the Gardner Sanatorium in Belmont. This library has many good monographs on psychology and psychiatry and some old periodicals. We also received from Dr. Mary C. Taylor of Berkeley and from Dr. Fred R. De Lappe many books and journals. Dr. A. W. Meyer of Stanford University succeeded in getting for the library from the Carnegie Institution of Washington all their publications relating to medicine and allied subjects, and the promise of all their future ones. The San Francisco County Medical Society again gave all its duplicate books and periodicals to the library.

ENDOWMENTS

Endowment funds for the care of patients in the clinical departments of the hospital are very much needed. *Sums in any amount* can be given to the Board of Trustees of the Leland Stanford Junior University, the income thereof to be used for the care of patients over as many patient days as possible. Such sums can serve as memorial

funds and bear the name designated by the donor and become part of the Hospital Endowment Fund of the University.

In General Terms

Five thousand dollars will provide income sufficient to keep a clinical patient in the hospital for half a year.

Ten thousand dollars will make it possible to keep a clinical patient in the hospital for a year.

Fifteen thousands dollars to thirty thousand dollars will offer accommodations in private wards or rooms, if that seems desirable to the donor.

Those interested are invited to correspond with the President of the University, or the Physician Superintendent, for any desired information.

PATIENTS' FUND

The Trustees of the University have established a "Patients' Fund" from a small nucleus given by grateful patients. The income from this fund is used for the maintenance of free beds. Gifts small or large may be made to this fund at any time, either through the hospital or directly to the Trustees.

DONATIONS

During the year many donations were received for the benefit of patients in the Hospital.

Twenty-five dollars was contributed to the chair fund for the Children's Ward by Mr. Joseph E. Bien.

Toys and money were received from the First Baptist Church of Palo Alto for the Children's Ward.

A phonograph and records were received from Mrs. Edward L. Eyre for the use of the children.

Mrs. Chas. F. Stern sent two sets of books to the Children's Ward.

Mrs. Melvin Sweitzer has given money and books to the Children's Ward.

Mrs. Clara V. Yerington has contributed money to the Children's Department.

ADMISSION OF PATIENTS

All kinds of curable, non-contagious medical and surgical conditions are treated. Patients suffering from chronic or incurable complaints may be received for limited periods, but will not be permanently provided for. No patients will be admitted or allowed to remain in the

hospital whose condition is such as to cause discomfort to other patients.

Patients suffering from the following conditions are not admitted: Alcoholism, infectious diseases (including all reportable diseases), pulmonary tuberculosis, acute syphilis, acute gonorrhoea in the male. Cases of trachoma will be received for operative treatment only, and are expected to remain in the hospital not longer than twenty-four hours.

LANE AND STANFORD HOSPITAL STATISTICS

ADMISSIONS

	This Year	Last Year
Private	3,984	3,975
Clinic	4,923	4,925
Free Beds.....	180	212
S. F. Maternity.....	39	45
Infants born.....	490	514
<hr/>		
Total	9,616	9,571
Patients died.....	250	225
Autopsies	54	63

PATIENT DAYS

Lane Hospital.....	45,666	47,290
Stanford University Hospital.....	37,962	40,745
<hr/>		
Total	83,628	88,035
Stanford—		
Rooms	22,032	19,451
Wards	12,522	19,126
Infants	3,401	3,168
<hr/>		
Total (Stanford).....	37,062	40,745
Lane—Private	9,628	12,223
Clinic-medical	10,735	10,028
Surgical	11,026	10,242
Gynecological	4,239	3,986
Obstetrics	2,615	3,272
Infants	2,516	3,037
Children (Pr. & Cl.).....	4,907	4,502
<hr/>		
Total (Lane).....	45,666	47,290

PATIENTS ADMITTED

Stanford—		
Rooms	1,923	1,595
Wards	1,138	1,239
Infants	261	246
Lane—		
Private	923	1,141
Clinic (including infants).....	5,371	5,350
Total	9,616	9,571

AVERAGE PATIENTS PER DAY

	This Year	Last Year
Stanford	103.93	110.08
Lane	122.85	130.09
Total	226.78	240.17

GENERAL STATISTICS

	This Year	Last Year
Resident staff.....	21	18
Daily average number employees.....	275	212
Daily average number pupil nurses.....	124	128
Daily average number instructing nurses.....	37	17
Daily average graduate nurses on general duty....	11	.....
Greatest number of patients (Feb. 23, 1922).....	286	287
Smallest number of patients (Sept. 4, 1921).....	170	171
Number of private operations.....	2,230	2,288
Number of clinic operations.....	1,561	1,597
Number of radiographs, clinic.....	10,205	.....
Number of dental films.....	9,358	.....
Number of radiographs, private.....	6,599	.....
Number of dental films.....	4,585	.....
Number of electrotherapy treatments.....	2,518	2,471
Number of hydrotherapy treatments.....	3,030	2,897
Number of electrocardiograph examinations.....	865	363
Occupancy (315).....	70%	77%
Occupancy, Stanford (132).....	76%	87%
Occupancy, Lane (183)	65%	71%

MEALS SERVED

Lane Hospital (patients, nurses, help) [per mo.]....	40,371	37,493
Stanford Hospital (patients) [per mo.].....	8,666	8,468

COST PER MEAL

Cost per meal, Lane.....	.2157	.1831
Cost per meal, Stanford.....	.8608	.8230
Food cost per meal, Lane.....	.1536	.1484
Food cost per meal, Stanford.....	.6111	.4927
Cost per patient day, Lane.....	4.85	.....
Cost per patient day, Stanford.....	7.85	.....

INTERNE SERVICE

The Interne Service at Lane Hospital is divided into five major and six minor divisions.

The major divisions are (a) Medicine, (b) Pediatrics, (c) Surgery, (d) Obstetrics and Gynecology combined, (e) Eye, (f) Ear, Nose and Throat.

The minor divisions are (a) Medicine, (b) Pediatrics, (c) Surgery, (d) Obstetrics and Gynecology, (e) Genito-Urinary, (f) Eye, Ear, Nose and Throat combined, (g) Psychiatry.

The service is divided into Junior and Senior. Senior internes receive appointments to the major divisions, and Junior to the minor.

All internes must agree to stay a full year in accepting either a Junior or Senior internship.

JUNIOR SERVICE

The Junior service begins July 1st of each year. There are nine positions, and each Interne rotates in the minor divisions, also serving in rotation for two months in Psychiatry at the Napa State Hospital.

SENIOR SERVICE

The Senior service begins August 1st of each year. It is open to men who have served at least one year satisfactorily in hospital work.

The Senior Interne shall serve a full year in the service to which he is assigned, with optional renewal of the service if mutually satisfactory.

There are six positions of Senior Interne, paying \$25.00 per month with room and board.

RESIDENT SERVICE

Beginning with the year 1921-22 resident services have been established in two divisions, viz: Obstetrics and Gynecology, Medicine and Surgery. These positions pay \$50.00 per month with room and board. They are open to qualified men who have spent at least one year in special work pertaining to the division in which they receive their appointment.

DUTIES OF INTERNES

Internes shall devote themselves exclusively to the work of the hospital. The term of service shall be for one year, and no excuse shall be accepted for leaving before that time.

An interne may not absent himself from the hospital for any considerable period of time without the consent of the Physician Superintendent, nor for any time without leaving a substitute who shall be conversant with his patients.

Before going off duty, each interne is required to sign a time book stating time of leaving, expected time of returning, telephone number, and name of interne left in charge. Time of returning is also to be recorded.

There must always be on duty in the hospital at least one Senior Interne and two Junior Internes.

Internes shall see that all clinical work belonging to their department is properly executed, and that a report of the urinary examination accompanies each patient to the operating room.

Internes are required to catheterize all male patients when the use of a silver catheter is necessary, and in other cases when they are required to do so by the House Physician.

Senior internes are responsible for all notes taken at autopsies occurring in their services.

All orders for patients shall be written upon the chart by the attending physician or interne. Orders written by nurses are to be initialed by the attending physician. Telephone orders are to be specified as such. Physicians who fail to give written orders must take the responsibility for any errors in carrying out directions.

ANAESTHETICS

Internes shall perform whatever duties their chiefs desire of them, but at the request of the House Physician will be subject to assignment for the administration of anaesthetics to clinic patients.

The chief anaesthetizer is required to see that internes who are called upon to give anaesthetics are properly instructed.

Internes are not expected to be detailed for the administration of anaesthetics before 1:00 p.m.

SURGICAL AND LABORATORY WORK

An interne shall act as first assistant in surgical operations on clinic patients unless special arrangements are made by the head of the department.

RELATION OF INTERNES TO SUPERINTENDENT OF NURSES

The Superintendent of Nurses will give no orders to the internes, except through the Physician Superintendent or the House Physician; and, on the other hand, nurses shall not carry out orders received from internes unless written or signed. It shall be one of the duties of the Superintendent of Nurses to see that no undue acts of familiarity occur between nurses and internes, either inside or outside of the hospital. Internes are not permitted to visit sick nurses unless in line of duty. For any breaches of propriety, the Superintendent of Nurses shall discipline the nurse, but shall report the interne's conduct to the Physician Superintendent for correction.

VACATIONS

Junior Internes, who have received appointments as Seniors, may have a two weeks' vacation at the discretion of the Physician Superintendent, toward the end of their term of service.

NOTES

Internes are not expected to assume the care of private patients within the hospital or to make outside visits upon private patients, either their own or those of other physicians, except on permission of the Physician Superintendent.

Internes shall not use the hospital for an office for the treatment of their own private patients.

DUTIES OF HOUSE PHYSICIAN

He shall have the general duties of a resident physician, having charge of the professional work of the hospital, and in addition such duties as are assigned to him by the Physician Superintendent.

He is not permitted to attend patients outside the hospital except in emergency.

He shall make usual charges for his services to patients not admitted to the hospital. All such fees shall be turned over to the business office of the hospital and a separate account kept of such receipts.

He is to make daily reports to the Physician Superintendent on the condition of the hospital.

He shall make a daily written report to the Physician Superintendent of all patients without regular medical attendant presenting themselves for treatment, and the record shall contain notes of the disposition of such patients.

He shall review all death and birth certificates of clinic and hospital patients.

When special Insurance Certificates are to be made out, a charge

not to exceed \$5.00 will be made. Such certificates are to be made out by the House Physician and the money turned in at the business office.

He shall not absent himself from the hospital for any considerable period of time without the consent of the Physician Superintendent; nor in any event without leaving a substitute.

He shall be notified of the arrival of private patients who in any way may need immediate assistance, and shall give such aid as is necessary until the arrival of the attending physician.

He shall be notified of any alarming condition arising in any patient in the hospital.

He shall see that the proper methods of prophylaxis are carried out and that proscribed cases are not retained in the hospital, if by chance they should be admitted.

He shall be conversant with the rules adopted by the Board of Health relating to births, deaths, contagious cases, etc., and shall see that they are properly observed.

He shall see that the Coroner's office or the Police Department is notified of such cases as may require it.

He shall see that proper authority is obtained from relatives before permitting an autopsy to be performed.

When unsatisfactory reports are made regarding the financial standing of any clinic patient, the House Physician, on notification by the bookkeeper, will investigate as to whether it is desirable to keep the patient longer, from a professional point of view. He shall give a report on all such cases to the Social Service Department, which will be responsible for the disposition of the patient.

The House Physician shall, with the approval of the Physician Superintendent, assign the internes to the various divisions, prescribe their duties and see that their work is properly performed.

He shall represent the Interne Staff to physicians having private patients in the hospital and shall assign the Junior Internes to such patients.

He shall see that the internes do not leave the hospital for any considerable period without his permission.

DUTIES OF ASSISTANT HOUSE PHYSICIANS

They shall in general act as assistants to the House Physician, their duties being more definitely prescribed by the Physician Superintendent when necessary.

RESIDENT IN OBSTETRICS AND GYNECOLOGY

A. V. Pettit.....	Aug. 1, 1920—Aug. 1, 1921
H. von Geldern.....	Aug. 1, 1921—Aug. 1, 1922

SENIOR INTERNES IN MEDICINE

James A. Cutting.....	June	1, 1912—July	1, 1913
Lovell Langstroth.....	July	1, 1913—June	15, 1914
George D. Barnett.....	July	1, 1914—June	30, 1915
Alfred C. Seifert.....	July	1, 1915—July	31, 1916
Howard West.....	July	1, 1916—July	31, 1917
Willard E. Kay.....	July	1, 1917—Aug.	31, 1918
John F. Chapman.....	July	1, 1917—Jan.	31, 1918
Dorothy A. Wood.....	July	1, 1918—July	1, 1919
Herman Schussler, Jr.....	Aug.	1, 1919—Aug.	1, 1920
Russel van Arsdale Lee.....	Aug.	1, 1920—Mar.	1, 1921
Frances Ford.....	Mar.	1, 1921—Aug.	1, 1921
Gunther W. Nagel.....	Aug.	1, 1921—July	1, 1922
J. W. Shepardson.....	Aug.	1, 1921—Aug.	1, 1922

SENIOR INTERNES IN PEDIATRICS

Henry G. Mehrtens.....	July	1, 1914—June	30, 1915
Grace McCoskey.....	July	1, 1915—Feb.	14, 1917
Anna Kopciowski.....	Feb.	15, 1917—July	31, 1917
John I. Chapman.....	Aug.	1, 1919—Aug.	1, 1920

SENIOR INTERNES IN SURGERY

Edmund Butler.....	June	1, 1912—July	1, 1914
Charles E. von Geldern.....	July	1, 1914—June	30, 1915
William D. Rolph.....	July	1, 1915—July	31, 1916
Timothy Shea.....	July	1, 1916—July	31, 1917
John Philip Strickler.....	July	1, 1917—Aug.	31, 1918
Robert A. Ostroff.....	July	1, 1918—July	1, 1919
William H. Moore.....	Aug.	1, 1919—Aug.	1, 1920
Lloyd Robinson Reynolds.....	Aug.	1, 1920—Aug.	1, 1921
J. W. Jones.....	Aug.	1, 1921—Aug.	1, 1922

SENIOR INTERNES IN OBSTETRICS AND GYNECOLOGY

Lester O. Kimberlin.....	June	1, 1912—July	1, 1913
Adolph E. Schmidt.....	July	1, 1913—May	20, 1914
Emmett J. Brady.....	July	1, 1914—June	30, 1915
Arthur L. Munger.....	July	1, 1915—July	31, 1916
Joseph Webb (out-patient Obstetrics).....	July	1, 1915—July	31, 1917
Karl Schaupp.....	July	1, 1916—July	31, 1917
Leonard F. Jenkins.....	July	1, 1917—Aug.	31, 1918
Alfred H. Ehrenclou.....	July	1, 1917—Aug.	31, 1918
Thomas A. Card.....	July	1, 1918—Aug.	31, 1919
Albert V. Pettit.....	Aug.	1, 1919—Aug.	1, 1920

Hans von Geldern.....	Aug.	1, 1920—Aug.	1, 1921
Chas. F. Sebastian.....	Aug.	1, 1921—Aug.	1, 1922

SENIOR INTERNES—EYE, EAR, NOSE AND THROAT

Rea Ashley.....	Aug.	1, 1920—Aug.	1, 1922
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JUNIOR INTERNES

Lovell Langstroth.....	June	1, 1912—July	1, 1913
Leland W. O. Moore.....	June	1, 1912—June	15, 1913
Warren McNeill.....	June	1, 1912—May	15, 1913
Adolph Schmidt.....	June	1, 1912—July	1, 1913
Leo Stanley.....	June	1, 1912—Jan.	31, 1913
Frederick W. Kroll.....	Feb.	1, 1913—July	1, 1913
George D. Barnett.....	July	1, 1913—July	1, 1914
Arney G. Biddle.....	July	1, 1913—May	23, 1914
Emmett J. Brady.....	July	1, 1913—July	1, 1914
Charles N. Leach.....	July	1, 1913—July	1, 1914
Henry G. Mehrtens.....	July	1, 1913—July	1, 1914
Charles E. von Geldern.....	July	1, 1913—July	1, 1914
Edward Guilford Cary.....	July	1, 1914—June	30, 1915
Grace McCoskey.....	July	1, 1914—June	30, 1915
John Floyd Pruett.....	July	1, 1914—June	30, 1915
William Donald Rolph.....	July	1, 1914—June	30, 1915
Alfred Camille Seifert.....	July	1, 1914—June	30, 1915
Georgia Emily Thompson.....	July	1, 1914—June	30, 1915
Timothy Shea.....	July	1, 1915—July	1, 1916
Howard West.....	July	1, 1915—July	1, 1916
Albert Crawford.....	July	1, 1915—July	1, 1916
Justin Fuller.....	July	1, 1915—July	1, 1916
Elsa Will.....	July	1, 1915—July	1, 1916
Robert Jones.....	July	1, 1915—July	1, 1916
Walter Smallwood.....	July	1, 1916—July	1, 1917
John Philip Strickler.....	July	1, 1916—July	1, 1917
Leonard Jenkins.....	July	1, 1916—July	1, 1917
Willard E. Kay.....	July	1, 1916—July	1, 1917
Alfred H. Ehrenclou.....	July	1, 1916—July	1, 1917
Alan Benner.....	July	1, 1916—July	1, 1917
George L. Barry.....	July	1, 1917—July	1, 1918
Donald Cass.....	July	1, 1917—June	1, 1918
Herbert S. Chapman.....	July	1, 1917—Feb.	1, 1918
George K. Hashiba.....	July	1, 1917—July	1, 1918
Ethel Owen.....	July	1, 1917—July	1, 1918
Monica Donovan.....	July	1, 1917—July	1, 1918

Lorruli A. Rethwilm.....	July	1, 1917—July	1, 1918
Oscar F. Johnson.....	July	1, 1918—July	1, 1919
George D. Keller.....	July	1, 1918—July	1, 1919
Kay J. Kitagawa.....	July	1, 1918—July	1, 1919
William H. Moore.....	July	1, 1918—July	1, 1919
Albert V. Pettit.....	July	1, 1918—July	1, 1919
Arthur L. Teeter.....	July	1, 1918—July	1, 1919
James Clifford Parrott.....	July	1, 1919—July	1, 1920
Russel van Arsdale Lee.....	July	1, 1919—July	1, 1920
Donald Gordon Davy.....	July	1, 1919—July	1, 1920
Lloyd Robinson Reynolds.....	July	1, 1919—July	1, 1920
Chester A. DeLancey.....	July	1, 1919—July	1, 1920
Yoshio Kusama.....	July	1, 1919—July	1, 1920
Hans von Geldern.....	July	1, 1919—July	1, 1920
John M. Tufts.....	July	1, 1919—July	1, 1920
John Graves.....	July	1, 1919—July	1, 1920
Boyd D. Alexander.....	July	1, 1920—Dec.	31, 1920
Dwight E. Shepardson.....	July	1, 1920—Dec.	31, 1920
George H. Becker.....	July	1, 1920—July	1, 1921
J. Walter Jones.....	July	1, 1920—July	1, 1921
William Mills.....	July	1, 1920—July	1, 1921
Gunther W. Nagel.....	July	1, 1920—July	1, 1921
Walter F. Pritchard.....	July	1, 1920—July	1, 1921
Joseph A. Sampson.....	July	1, 1920—July	1, 1921
Thomas R. Haig.....	Jan.	1, 1921—July	1, 1922
Charles F. Sebastian.....	Jan.	1, 1921—July	1, 1921
René Pollart.....	Jan.	1, 1921—July	1, 1921
Frank E. Blaisdell.....	July	1, 1921—July	1, 1922
S. Christierson.....	July	1, 1921—July	1, 1922
R. J. Dixon.....	July	1, 1921—July	1, 1922
R. F. Flood.....	July	1, 1921—July	1, 1922
J. George.....	July	1, 1921—July	1, 1922
K. Lewis.....	Sept.	1, 1921—July	1, 1922
H. Miller.....	July	1, 1921—July	1, 1922
K. E. Smiley.....	July	1, 1921—July	1, 1922

ANNUAL REPORT OF
PHYSICIAN SUPERINTENDENT LANE AND
STANFORD UNIVERSITY HOSPITALS
PALO ALTO HOSPITAL

To the Members of the Clinical Committee.

Gentlemen: Herewith is presented the eleventh annual report of Lane and Stanford University Hospitals, being for the year 1921-22.

The number of patient days for Lane Hospital, including infants, was 45,666, and Stanford University Hospital, 37,962, making a total of 83,628 for both, as against 88,035 for last year. The falling off over last year is largely due to a smaller number of war risk insurance and industrial accident cases in the Stanford wards and a smaller number of private and obstetric cases in Lane.

Steps have been taken to increase the number of ward patients by making a small concession in the industrial accident rate.

In Lane the smaller attendance is due to falling off in the number of clinic patients. This situation has been met by a reorganization of the service whereby a representative of the hospital is placed in both the medical and surgical clinics. The position of Resident in Surgery and Resident in Medicine have been created largely for this purpose.

SCHOOL OF NURSING

As successor to Miss Elizabeth Hogue (Mrs. H. Staats Moore), Miss Maude Landis was appointed Superintendent of Nurses, taking effect August 1, 1921. Miss Landis was formerly Director of Nurses of the New Haven Hospital, connected with the medical department of Yale University.

The chief event of the year was the opening of the new nurses' home. The opening exercises took place March 31, 1922, at 2 p.m., with the following program: Invocation by Reverend David Charles Gardner, Presentation of Building on behalf of Board of Trustees by William Mayo Newhall, acceptance by President Ray Lyman Wilbur, address by Mrs. Helen Hoy Greeley of Washington, D. C.

The building has attracted a great deal of attention both locally and outside the state and is generally acknowledged to meet the utmost requirements of a nurses' home and school.

The recently amended Nurses' Registration Act calls for a basic course of 28 months in all training schools. With the approval of the Director of Bureau of Nursing Registration, the Stanford School of

Nursing decided to continue the three-year course, giving four months' preparatory work, 24 months of routine, and eight months of specialized or elective work. It was further decided to arrange the courses so that the terms began twice a year, in January and September.

NURSES' LIBRARY

At the suggestion of Mrs. J. A. Sinclair, former Superintendent of Nurses, it was decided to raise funds to provide a library for the new nurses' home. The following kindly consented to serve on a committee for the purpose:

Mrs. John A. Sinclair, Chairman	Mrs. Henry Crocker
Mrs. H. Staats Moore, Secretary	Miss Clair Kent
Dr. Geo. B. Somers, Treasurer	Mrs. Herbert C. Hoover
Mrs. T. T. C. Gregory	Dr. Emmet Rixford

Mr. Charles Willard

Through the efforts of the committee a considerable fund was collected from friends of the institution and a library of about 550 books collected through purchase and donations. The selection of books covers many choice volumes and is a source of much pleasure and instruction to the nurses.

NEW PIN AND DIPLOMA

With the opening of the new school, a new class pin and diploma were adopted. The design of the old pin dated back a number of years and showed prominently a red cross. In place of this the "Palo Alto," or tall tree, was substituted. The diploma was changed so as to make it smaller.

MEDICAL DIRECTOR

The opening of the new home with its completely equipped infirmary made it possible to create the position of Medical Director of the School of Nursing. Dr. Ethel D. Owen, a graduate of Stanford Medical School, was appointed to this position, with full charge of the health and physical welfare of the nurses.

AFFILIATION

In accordance with a plan proposed by the San Francisco Board of Health effecting an affiliation of the San Francisco School of Nursing with the University of California Hospital School of Nursing and the Stanford School of Nursing, these institutions have entered into an agreement approving the arrangement.

It is expected that this affiliation will be of mutual advantage to all parties concerned in affording increased opportunities for providing both

undergraduate and post-graduate instruction and in uniting the schools in standardizing the means and strengthening the cause of nursing education.

SUMMER COURSE FOR NURSES

Through the efforts of Miss Landis, our Superintendent of Nurses, ably assisted by Professor C. Stoltenberg of the University, a summer course for Instructors in Schools of Nursing was given at the University. Further details are given in the accompanying report of the Superintendent of Nurses.

STAFF

During the past year Dr. H. G. Mehrtens served as House Physician, Dr. W. Mills as first assistant House Physician, and Dr. D. Coll as second assistant. Dr. H. von Geldern served as Resident in Obstetrics and Gynecology.

INTERNES

The Senior Internes for the year were G. W. Nagel and D. E. Shepardson in Medicine and Pediatrics; Charles F. Sebastian in Obstetrics and Gynecology; J. W. Jones in Surgery; and Rea Ashley in Eye, Ear, Nose and Throat.

The Junior Internes were Frank E. Blaisdell, S. v. Christerson, R. J. Dixon, R. F. Flood, J. George, R. T. Haig, J. K. Lewis, H. Miller, and K. E. Smiley.

RESIDENTS

Two new Resident positions were created to take effect 1922-23, and have been filled by the appointment of Dr. D. E. Shepardson as Resident in Medicine and Dr. J. W. Jones as Resident in Surgery.

METABOLISM AND ELECTROCARDIOGRAPH

A new laboratory department was organized during the year by uniting the electrocardiograph and basal metabolism work. Quarters were fitted up to accommodate the apparatus and a technician employed to take charge of the work.

SURGERY

Owing to ill health, Miss Harriet Visser, head surgical nurse, was granted six months leave of absence. Within a few days of the termination of her leave she passed away. Miss Visser had been in charge of the operating rooms in Lane and Stanford University Hospitals for about nineteen years, and is responsible for the high reputation and efficiency of this department.

Miss Augusta Arendes, a graduate of the San Francisco Hospital Training School and formerly an assistant in the operating rooms of the St. Francis Hospital, succeeds Miss Visser.

STANFORD OUT PATIENT DIET LABORATORY

Plans were formulated during the year for the establishment of a kitchen where out patients may obtain prescribed diets properly selected, weighed, prepared and served. The idea is to meet the following purposes.

(1) To provide out patients, such as diabetics, with a convenient place where special diets may be served.

(2) To prepare all special diets for hospital patients. In this case the trays will be delivered to the hospital service kitchens by a food carrier.

(3) To prepare bread, broths and other invalid food to be sold over the counter.

(4) To instruct nurses, medical students and student dietitians in the subject of diet.

(5) To serve light refreshments such as tea, sandwiches and ice cream to the public.

The project received the approval of the President and Board of Trustees. Funds were provided for alterations and equipment and the plans are now under way calling for completion soon after the new fiscal year.

STOREROOMS

The storeroom remains in charge of Mr. E. L. Slack. The importance of this department has been considerably increased by placing it in charge of all purchases for the Palo Alto Hospital and of all Commissary supplies for the new Stanford Union. An extra stenographer and clerk have been added to cover the increased work.

BUSINESS OFFICE

The volume of business handled for the past year amounted to \$534,343.08. The record of collections showed a loss through uncollectable accounts amounting to \$1,480.01, or .0027 per cent.

PALO ALTO HOSPITAL

Mention was made in last year's report of the fact that the Palo Alto Hospital had been taken over by the University and placed in the hands of the Clinical Committee and the Physician Superintendent. The first annual report occurs in this issue.

Through the efforts of the Clinical Committee and Physician Superin-

tendent, the medical profession of Palo Alto formed the Palo Alto Medical Society. This organization constitutes the visiting staff of the hospital.

The first year of Stanford management for this hospital has proved very successful both professionally and financially. Patients and the attending staff and the City Council expressed themselves well pleased with the service rendered. Many important improvements were made, much equipment purchased, and still the annual statement showed a small surplus.

Mrs. M. E. Barry, the Superintendent, and her staff are deserving of much credit for their earnest efforts to create and maintain a high standard of service and efficiency.

GEORGE B. SOMERS,
Physician Superintendent.

REPORT OF HOUSE PHYSICIAN

*Dr. George B. Somers, Physician Superintendent,
Lane and Stanford University Hospitals.*

Dear Dr. Somers: The most important development in the professional work of the Hospital has been along lines of the activity of the Stanford University Hospital Visiting Staff. By their efforts the private case records have been improved, not only in the thoroughness of the work-up and reports, but in the promptness with which the records are made available, so that, at the present time, a surgical case is not allowed to go to the operating room until the patient's record is complete up to the provisional diagnosis. In addition, the meetings of the Staff have been broadened to include a discussion of the cases dying in the hospital. This discussion tends to bring up for correction any irregularity of the hospital service.

In the University service, a third year resident has been added to both the Medical and Surgical services. This addition to the House Staff will enable the Medical, Surgical as well as the Gynecological services to have a member of the House Staff in charge of their out-patient clinics. The appointment of this interne should greatly facilitate the handling of clinic patients, particularly achieving the necessary contact between ward and out-patient departments.

The removal of the greater number of the House Staff to a home outside of the hospital building has, in most respects, been highly satisfactory. The fact still remains that our present quarters are a makeshift, which can only be remedied when a building is constructed

especially for the needs of a resident staff. This should consist of bedrooms, living room, library, and gymnasium at least.

Respectfully submitted,

HENRY MEHRTENS,
House Physician.

REPORT OF SUPERINTENDENT OF NURSES

Dr. George B. Somers, Physician Superintendent.

My dear Dr. Somers: May I have the honor of presenting the twenty-eighth annual report of the Stanford School of Nursing (formerly the Stanford School for Nurses, and still earlier the Lane Hospital Training School for Nurses).

STATISTICS

Total No. of students and probationers in the school		
September 1, 1921	117	
Total No. of affiliated students admitted (Army).....	2	
Total No. of transferred students admitted	0	
Total No. of students reinstated	11	
Total No. of probationers admitted	118	
Total No. of students graduated		40
Total No. of affiliated students finished their services		
Army School		
Union Labor Hospital		7
Total No. of students resigned or dropped		39
Total No. of students died		1
Total No. of probationers resigned or dropped.....		16
	248	103
Total No. of students and probationers in the school		
August 31, 1922	145	
Total No. of days' illness during year	2080	
Total No. of days lost for other reasons (not vacations)....	666	
Average No. of students ill per month.....	22.33	

CHANGES IN THE STAFF

Miss Gladys Gilman, R.N., Lane Hospital Training School for Nurses, became assistant Superintendent of Nurses September, 1921.

Miss Ruth Gustafson, R.N., Washington Park Hospital Training School for Nurses, Chicago, was appointed second assistant Superin-

tendent of Nurses and Supervisor of Clinics (newly created) November, 1921.

Miss Mary Walsh, R.N., Massachusetts General Hospital Training School for Nurses, became Practical Instructor December, 1921.

Miss Susan Tarr, R.N., Lane Hospital Training School for Nurses, became assistant Night Supervisor October, 1921.

Miss Florence Hudson, R.N., Stanford School of Nursing, became Supervisor of Obstetrical Department March, 1922.

Miss Augusta Arendes, R.N., San Francisco Hospital School for Nurses, became acting Supervisor of Surgical Department May, 1922.

Miss Lou Adams, R.N., Lakeside Hospital Training School for Nurses, became Instructor in Surgical Technique May, 1922.

Miss Sarah G. White, R.N., Pasadena Hospital Training School for Nurses, and B.S., Columbia University, came as Theoretical Instructor July, 1922.

Miss Harriet Visser, R.N., Waldeck Hospital Training School for Nurses, who has been Supervisor of the Surgical Department for many years, was granted a leave of absence last March, for six months.

Owing to the expansion of Hospital activities and the consequent need for larger numbers of nurses, wards and floors that had been staffed with student nurses were given into the charge of graduate nurses during the day and at night, and on some of the floors graduates were placed on general duty. Many of our own graduates became Head Nurses, and their loyal interest and knowledge of Lane and Stanford routine have kept the institutional machinery running smoothly.

PUBLICITY

While last October's probationary enrollment was 39, it seemed desirable that greater publicity should be given the School—its relation to the Medical School and University; the Nursing opportunities that are being and can be organized for the instruction of student nurses; and the completion of the educational building and Nurses' Residence with single rooms for 200 students and graduates.

The School Announcement was sent to 233 libraries in California; return postals announcing our Course of Instruction to 2,000 Doctors in California, Oregon, Washington, Nevada, Utah, Montana, and Idaho; postals, descriptive of our new Home and the Course offered, to 1,700 libraries, and High School Principals and Departmental Instructors in the same states; 25 pamphlets, "Opportunities in the Field of Nursing," by Miss Isabelle Stewart, were sent to High School teachers who were interested in presenting Nursing as a vocation to their students.

During the spring we took advantage of the Emporium's offer to broadcast some nursing information.

In May, on invitation of the local Y. W. C. A., about sixty High School students from the bay region came to San Francisco to visit the Hospitals and to accept the hospitality of the various Schools of Nursing for the week-end. The students had earlier expressed to their instructors real interest in nursing, though vague as to the requirements for training. It, therefore, formed a selected group, 26 of whom were assigned to the Stanford School of Nursing. A committee of our students received them and showed them our many attractions.

In May, also under Y. W. C. A. auspices, was given a play by the student nurses of the various local Schools of Nursing at several high schools to large audiences of young girls. Two of our students had "parts" and felt repaid for the work they put into it by the responsive interest in nursing that was manifested by young girls and their mothers.

As results of our publicity we have had 600 inquiries as to our Course of Instruction, and our probationary classes have been larger than in years past.

THE OPENING OF THE EDUCATIONAL BUILDING AND NURSES' RESIDENCE

On February 14, 1922, our students began moving into our wonderfully attractive Home. Careful thought had worked out details. Floor by floor, the whole building was soon occupied, and all accomplished in a most orderly manner. Probationers were assigned to the lowest dormitory floor, and the other classes in turn so assigned as to give the Seniors the fifth floor and the Graduate or Staff Nurses the sixth floor.

On the afternoon of March 31, 1922, with impressive ceremony, the Trustees of Stanford University presented the new building to President Wilbur, who, in acceptance, courteously acknowledged the honor and his pleasure that Stanford University possessed so fine a means of developing this important professional school. Mrs. Helen Hoy Greeley of Washington, D. C., through whose efforts "Rank for Nurses" had been enacted by Congress, gave the address of the afternoon, after which the Home was open to the inspection of invited guests.

In the evening the graduates and students of the Stanford School of Nursing entertained with a reception and dance. About 1,000 guests on that day passed through the Home—all enthusiastic and admiring.

Interested friends of the School have made gifts. Mr. and Mrs. Timothy Hopkins added a touch of color to the Reception Room with "The Love Letter," an oil painting. Mrs. Henry J. Crocker also presented an oil painting; and Mr. Charles Rollo Peters, a bust. Mr. Mayo Newhall has given a set of musical records for Walter Camp's setting-up exercises, which our students can practice.

HEALTH OF OUR STUDENTS

The seventh floor was designed and equipped as an Infirmary—a complete small hospital. Dr. Ethel Owen was placed in charge as Medical Director, and Mrs. Edith Job as Head Nurse. The capacity of the Infirmary—six ward beds and five private rooms—permits of all students and graduates ill in the line of duty being given every medical and nursing care.

Not only in care of illness, but as a protection against illness and physical unfitness, our students are given every attention. Physical examinations are made, medical histories taken. The student nurses are vaccinated against typhoid; the Schick test is applied and all who do not have natural immunity against diphtheria are given Toxin-antitoxin. Weight charts are kept, and causes for loss in weight are studied. Impressions of all feet are made, and abnormalities are referred to our orthopedic surgeon, Dr. Langnecker, for shoe prescriptions or corrective exercises. The Hospital facilities for diagnosis are all at hand. Surgical cases are transferred to the Hospital until convalescence permits return to the Infirmary. Morbidity statistics are carefully kept. Dr. Owen lectures to the students on "Personal Hygiene," and meets them individually to discuss their own health problems. Dr. Langnecker has posture classes.

The purpose of this careful attention is to reduce loss of time due to preventable causes; to have a scientific basis by which the School may eliminate intelligently young women physically unfit for the Course; to assist ambitious and earnest students to overcome physical handicaps and to preserve the normal health of the majority.

COMMENCEMENT

On the evening of May 12, also Florence Nightingale's birthday anniversary, were held the first Commencement Exercises in the new Auditorium.

Dean Yost, Stanford University, gave the address, and thirty-two graduating students were presented with their diplomas and pins. The School pins were of new design. In place of a red cross was substituted a cut of the high tree or "Palo Alto," which is part of the Stanford University Seal.

Before the conclusion of the exercises, Miss Ruth McKay, as Class President, presented to the School the class gift, brass andirons and fire screen. This decorative gift marks and suggests the loyalty and pride our young graduates feel in their Alma Mater and Home.

After the exercises the Auditorium was cleared for dancing, which was a part of the Commencement program.

MUSICAL HOUR

One of the beautiful gifts to the School of Nursing, presented last Christmas, but not installed until the Home was opened, was a baby grand piano, which had belonged to Miss Eleanor McEwen, and in her memory presented by her mother. Miss Eleanor McEwen had loved our student nurses and had appreciated their thoughtful and sympathetic care.

June 8 was the first anniversary of her death. It seemed appropriate that a "Musical Hour" should commemorate the day. Our students and Mrs. Friedel rendered several piano and instrumental numbers, and Mrs. Arthur B. Foote gave us great pleasure by her beautiful vocal solos, rendered in a delightful and charming style. It is the aim of the School to further in whatever way possible the educational interests of our students, and this "Musical Hour" contributed pleasurably to this end.

EDUCATIONAL PROGRESS

Registration of Stanford School of Nursing in New York:

The usefulness of nurses has no geographical boundaries, and while other parts of the country send large numbers of graduate nurses to the Pacific Coast, our western graduates are moving eastward for graduate study in teaching, administrative and public health nursing fields, or for additional nursing experience. One of the requirements of the New York State Law for Registration of Nurses is that graduates, wishing to qualify for state examination, without which positions cannot be secured in that state, must come from Schools of Nursing registered with the University of the State of New York. To further the interests of our graduates, the Stanford School of Nursing made application for registration last fall, and is at present the only school in California so registered.

THE THREE YEARS' COURSE

California passed a law April 1, 1921, which shortened the Course of Instruction for Schools of Nursing from three years to twenty-eight months, to become effective July 1, 1923. Most of the schools in California are not in a position to give more than this basic course, but the Stanford School of Nursing, by virtue of its educational and clinical relationship, can offer advanced courses in nursing for an additional eight months to student nurses who wish to specialize in services that appeal to them as most desirable, in which they can do their best work because happiest therein, and for which the School considers them best fitted. This arrangement will postpone the necessity, often for several

years, of taking post-graduate work. The State Bureau for Registration of Nurses has, therefore, approved of our giving longer than the Basic Course, and we shall continue the 3-year Course for this School.

To provide these advanced courses readjustments in class and ward schedules are being considered and made now, so that July 1, 1923, will find us ready with our program of both basic and advanced courses.

TUITION FEE

It is the consensus of opinion among well-established Schools of Nursing that a tuition fee should be charged for the Preliminary Course—not for the income itself, but because it conforms to a standard, emphasizes the Course as educational, and insures a better course of instruction. The student is more appreciative of the instruction.

Following the national, as well as the state nursing program, our Preliminary Course lasts four months, and coincides with the time of our Probationary term, during which the probationary student spends the greater part of the day in classroom instruction and in preparation of her lessons, and is on the wards only two, three or four hours each day to apply this information. She is on the wards, not for nursing service as such, but to learn what is to be expected of her and to prove or disprove her fitness for nursing.

In February, 1922, our tuition fee for the Preliminary Course was \$15.00, and thirty-three probationers were admitted. The Course outlined for the August Class is even better and it was decided to make the tuition fee \$25.00. The enrollment of forty-nine candidates for this Class (August 1, 1922) shows that this requirement was met as a matter of course.

THE COURSE OF STUDY

A very excellent course was given this year. Chemistry and Massage and part of the Anatomy and Physiology Courses had to be “made up” for some of the classes, and many irregularities, due to frequent admission of small classes and of “transferred students” from other schools, had to be provided for. Four hundred and forty hours of theoretical instruction were received by the various classes, but because of the larger classes, the necessity of dividing them for practical work and laboratory periods, and the admission of two Preliminary Classes, the Medical School and School of Nursing Instructors have given over 700 hours of instruction.

It is hardly likely that future didactic demands on our School will be less than the above, as larger classes are being admitted, and the class, lecture and laboratory program is being arranged to correlate with the nursing practice on the wards and in the clinics.

The curriculum for 1922-1923 has been formulated and the instructing staff is now being organized from the visiting staff and others.

DAY CLASSES

That student nurses may be more normal, socially, and that they may give more alert attention to the subject matter presented by their Instructors, it has been arranged to have most of the theoretical instruction given in the day time—only lectures of current or professional interest to the students as a whole are to be given in the evenings.

AFFILIATIONS WITH UNIVERSITIES AND COLLEGES

During the past few years many Schools of Nursing enjoying university relationship have given the Course in Nursing in two years to students from universities providing a three years' pre-nursing course. At the end of this five years of instruction the student receives her academic degree (A.B. or B.S.) from the University and her diploma as Graduate Nurse from the professional school.

It has been the aim of the Stanford School of Nursing to attract well prepared young women and to prepare them for positions of importance in Nursing. To this end, Stanford University has arranged for a five-year Course—the last two years to be spent at the School of Nursing. Affiliations that permit of the five-year Course have already been made with California University, Mills College and College of the Pacific. This year the University of Redlands was added to the list. At present eight students are taking the Combined Course.

SCHOOL OF NURSING AFFILIATIONS

The Army School of Nursing arranged in 1920 for their students to receive from other schools and hospitals instruction and experience in services which are not possible in their own hospitals (Walter Reid Hospital, Washington, and Letterman Hospital, San Francisco). Mrs. Flash, Chief Nurse of Letterman Hospital, arranged for the students of the Army School of Nursing here to have three months each in Operating Room Technique, Pediatrics, Obstetrics and Gynecology services in Lane and Stanford University Hospitals and instruction with classes given to our own students. During the past year six Army School students were with us, the last having finished her affiliation August 1.

The Labor Union Hospital had also arranged for certain affiliating services here for its students. As its school has been small, no students have been here since last September, but a request is now in for three to be admitted September 1 for the experience in Pediatrics and women's wards and instruction correlating with these services.

STANDARDIZATION OF THREE SCHOOLS OF NURSING

To establish uniform requirements for the student nurses, to improve the courses of instruction, to supplement the clinical opportunities in one institution by affiliating with the others, to develop greater interest in nursing, especially on the Pacific Coast, Stanford School of Nursing, the University of California School of Nursing, and the San Francisco Hospital School of Nursing have taken initial steps toward centralization and standardization. We expect that a certain per cent of our students will be provided with opportunities for obtaining experience in Communicable Diseases, while at the same time, students of the San Francisco School of Nursing will have the opportunities of gaining experience on our private floors. It is anticipated that the plan will prove quite practical and mutually helpful.

STATE EXAMINATIONS

During the year forty-one recent graduates of the Stanford School of Nursing have taken and passed the required State Board of Examinations and have been granted their official recognition "R.N." This entitles them to the benefits of membership in all local, state, and national nursing organizations and is their passport to positions at home and abroad.

REORGANIZATION OF HOSPITAL DEPARTMENTS

As knowledge of the patient in the community sense is as of much importance today as of the bedside care of the patient in the hospital and home, graduate nurses have been placed in charge of the Surgical Clinic and of the Women's Clinic, preparatory to supervising the instruction and experience that our student nurses are to have when they have had their basic course of instruction. A graduate nurse on our Staff also assists the Supervisor in the out-patient Obstetrical Clinic.

There has been a reorganization of the service which our students secure in the Diet School. It is a ten weeks' service, and is under very close supervision of trained Dietitians. It will be lengthened to a three months' service when the proposed Metabolism School becomes a reality. Our students are very much interested and we anticipate that in time some of our graduates may wish to prepare themselves to become Nurse Dietitians.

In the Surgical Department several changes have taken place. *Miss Visher has been on leave of absence since March 1. We had anticipated reorganizing under her administration, which has been recognized throughout the West for its efficiency.

To encourage some of the students to specialize along this line of

*Miss Harriet M. Visher died August 31, 1922.

nursing activity, we reorganized the Department and placed in temporary charge Miss Augusta Arendes, graduate of San Francisco Hospital School of Nursing, trained under Miss Joninon, a Stanford graduate, but now in charge of the Operating Room at that Hospital.

Miss Lou Adams, Lakeside Hospital Training School for Nurses, was appointed Instructor in Operating Room Technique, so that our students might be prepared for their progressive responsibilities through a three months' surgical service. Not only does Miss Adams give a formal Course of Instruction, but she follows up our students in the Operating Room, just as our Practical Instructor follows up the work of our students on the wards. She assigns them to their various positions and helps them keep accurate record of their work. Great interest is being manifested by the students, and several have asked for extended experience. This will be one of the places where specialized work may be taken during the last eight months of training.

In all the wards, by means of weekly Head Nurse conferences, the Head Nurses are assuming a teaching and definite supervisory responsibility over the student nurses. This makes the work more interesting, and the efficiency reports of the students are becoming more satisfactory.

SUMMER COURSE AT STANFORD UNIVERSITY

Since the war there has been a marked tendency for graduate nurses to take post-graduate courses. Coincidentally, Schools of Nursing have required Theoretical and Practical Instructors and the demand has far exceeded the supply. While many Public Health Nursing Courses have been established in connection with universities, Columbia University stands out as the one important university that has offered through its department of Nursing and Health under Miss M. Adelaide Nutting, Dean, a Course for Instructors in Schools of Nursing.

At the California State Nurses' Association meeting in August, 1921, so much interest was manifested in the idea of having an Instructors' Course that the matter was presented through the Stanford School of Nursing to President Wilbur, who expressed great interest and requested details of the plan to be formulated.

After preliminary consideration and with sympathetic co-operation from Miss Stoltenberg and with professional and official interest from Miss Jamme, Director of State Bureau of Nurse Registration, the Course was outlined, presented and approved, and was given during the first half (five weeks) of the summer quarter at Stanford University under the direction of Miss Helen Wood, Director of the Washington University School of Nursing (St. Louis), also a member of the Rockefeller Commission to study Schools of Nursing.

Thirty-five graduate nurses enrolled and were keenly interested in this educational opportunity. Teaching and administration in Schools of Nursing were the required subjects, and electives could be taken from subjects in other courses being offered by the University. Those who enrolled lived at Roble Hall. Miss Helen Wood instructed in "Teaching" and Miss Jamme assisted your Superintendent of Nurses and your Practical Instructor, Miss Walsh, in nursing instruction.

The popularity and the success of this Course warrants the hope that another Course may be given next summer.

EXHIBIT SENT TO SEATTLE

So stimulating is the geographical location of our institution, so inspiring are its educational advantages, so wonderful is our Home and its comforts and so alert and interested are our students in their work, that it seemed quite the thing to "tell the world," and especially that part of the nursing world that assembled in Seattle at the National Nursing Convention in June. We, therefore, had pictures taken of classes of students, interiors and exteriors of the Home, the Hospital, the Clinic and the Library. These pictures were mounted on five large boards and were among the many exhibits sent to this convention, where 2,000 nurses from all parts of the country met. As several hundred of these nurses had planned to include San Francisco in their itinerary, ten of the San Francisco hospitals prepared a pamphlet of Hospital and School of Nursing information and sent 1,000 copies to the convention. When the guests reached San Francisco July 4, a reception was tendered them at the Palace Hotel. Many tourists (nurses) for days afterward visited us and went through our beautiful Home and well-equipped Hospitals and were delighted with the advantages we are able to offer our student nurses.

LIBRARY

Our students are most fortunate in having access to all reference books in the Lane Medical Library (52,000 volumes), to which has been added during the year fifty-one nursing books and magazines. We also have a very excellent library in the Nurses' Home, made possible through the interest of friends of the School. Bookplates were printed and sent out with requests to autograph and return with \$2.00 and to suggest the book which was desired by the donor. Many complied, resulting in a very good collection of general literature and magazines. The library is just off the lounge, in a quiet part of the Home. It is comfortably furnished and well lighted, and affords just the hominess that is so desirable. The student nurses were instructed

in cataloguing it by Miss Louise Ophüls, Librarian of Lane Medical Library. They check up and collect books that have been taken from the library and are responsible for its intended use.

SOCIAL AFFAIRS

"All work and no play," etc., is hardly possible here. Every Friday afternoon Mrs. Friedel, one of our House Mothers, serves tea just at the time when some of our students are going on duty and others are coming off. The students are privileged to have informal dances with little or no notice. They also have larger affairs, as they plan. One of the classes (1924) held a carnival July 1, which netted them something toward the budget, which will be necessary in order to take care of social affairs. This same class makes candy once a week and sells it to increase its fund.

ATHLETICS

Through the Y. W. C. A., our students enjoy swimming pool and other athletic privileges.

Through the City Playground Commission, a basketball team is being organized and the use of the Playground Club House at 2345 Sacramento Street has been given our students once a week.

The Medical School has a Tennis Club, of which our students, as a whole, become members by the payment of \$40.00 annually by the student body. Except for priority rights as to certain hours for Medical School members, our students enjoy full privileges of the Tennis Court, which is adjacent to the Home.

This annual report is in greater length than is altogether desirable, but it has been a year of great accomplishment, and each change and improvement has been so significant of the sympathetic interest in nursing education by Dr. Somers and through him, the Clinical Committee, the Medical School and Stanford University, and by President Wilbur, that I feel nothing can be left out. It has been indeed a privilege to have been Superintendent of Nurses this past year, and to be the medium through which the year's work of the Stanford School of Nursing may be made known, and to give credit to those whose interest and devotion and earlier vision have made possible all that has come to pass.

I wish to express my greatest appreciation of the loyalty and co-operation that has been evident from Medical and Hospital and Nursing Staffs, students and other workers.

Respectfully submitted,

MAUDE LANDIS,

Superintendent of Nurses.

REPORT OF ENGINEER

Dr. Geo. B. Somers, Physician Superintendent.

Dear Dr. Somers: August 31st, 1922, marked the close of a very busy year for the Engineering Department of the Stanford University Hospitals.

A large amount of work was expended upon betterments and extensions, the end of which amply justified the means.

With the completion and occupation of the Stanford School of Nursing a greater demand for steam-power has been felt, which is being met effectively by the co-incident installation in the engine room of No. 3 boiler, a 330-horsepower Stirling, fully equipped with soot-blowers and the merit system of oil stoking.

The demand for electric energy has also increased for the same reason but as no steps have been taken to meet the condition, it is essential that the small vertical generating set in the engine room be discarded; as it is obsolete and insufficient to carry the load at any period of the day or night. In its stead should be installed a set which would be capable of handling the maximum demand at any time of the year. The present indications are that we may have to run both main engines at once during the winter months, to carry the peak load, or else suspend some services at that time.

As has been mentioned in previous reports Nos. 1 and 2 boilers have been so heavily loaded for several years that their brick settings are in bad order—this autumn they should both be reset and soot blowers installed in their settings.

The installation of No. 3 boiler has so reduced the open floor space in the engine room that lack of shop room has become a real problem and acts as a serious handicap to the mechanics in carrying on much of their work as well as the storing of their tools and material.

As each year passes the need of an adequate work shop becomes more imperative. With a proper equipment of up-to-date tools to perform the more frequent and tedious mechanical operations the gross and net costs would be lowered in a very marked degree.

As the demands on this department cover an infinite range, from trivial adjustments to construction and repairs involving hundreds of dollars it would be real economy to provide an efficiently proportioned and equipped place of business.

The laundry is in need of tumbler capacity as at present their only machine will handle only about one half the material.

As mentioned in my report of 1920-21 a water softener is also much needed, for reasons then offered.

While omitting a very large amount of minor matters the following list is indicative of the volume and variety of work carried on since August 31, 1921.

In the College the Lane Hall entrance wiring system for exterior lights was restored; room 3 was floored with tile and entire interior re-finished; the clinical laboratory was restored where damaged by fire; room 401 was altered to suit the needs of Dr. Dickson; the social service office was extended and the usual list of annual repairs which recur each year before the beginning of the rainy season.

The floors, walls and ceilings of a number of the halls, stairways and rooms in Lane Hospital were washed and painted; the ceiling lighting fixtures of the fourth floor elevated; an electric call system was installed between Ward D and the nursery; the locker room over the fourth floor was remodeled and improved; the built-in radiators in wards and rooms were removed to new and exposed positions where their heating effect would be more useful.

Along the retaining wall west of the south wing of Stanford Hospital a safety railing was installed; the ex-quarters of the internes on the second floor were converted into private rooms for patients; a store-room for records of the Business Office was partitioned off in the basement, and the furniture, mattress and curtain rooms were rearranged to provide additional space for the electro-cardiograph; extensive alterations were made in the construction of the Stanford dumb waiters at the instance and to the satisfaction of the California State Accident Commission. At present the exterior wood trim of the entire building is being repainted.

The dwelling at 2200 Webster street was renovated to serve as the new quarters for the internes.

The dwelling at 2209 Buchanan street was repaired and refinished throughout the interior and roof repaired and painted, preparatory to rental.

Coincident with the occupation of the new home for nurses this department re-modeled, repaired and refinished most of the furniture for 150 rooms; erected a wind-break at the sun porch on its roof; erected two rear fences and a railing; installed a nurses-call system in the infirmary; three electric clocks as an extension of the Stanford Hospital system; chemical fire extinguishers on all floors; a system of trunk racks in the basement; a special table in the dietetic class room, and connected this building's water supply with the hospital filtered water system.

One steam table and two laundry washing machines were entirely rebuilt.

Considerable re-wiring and re-piping in the engine room were made necessary on account of the installation of the third boiler and the overhead louvres raised to improve the ventilation which had also been much restricted.

The cylinders of Nos. 1 and 2 engines were re-bored, new pistons and rings fitted, and the crank boxes rebabbited.

The ice machine was overhauled, a new piston rod fitted and the crank box rebabbited.

These machines are now in very good order.

The personnel of most of the force has remained unchanged throughout the year—which has had a very favorable effect upon operating conditions and economy.

Except as noted in the matter of desired additions and betterments the engineering departments' situation and relations have been very satisfactory during the past twelve months.

Respectfully submitted,

ARTHUR B. SAUNDERS,
Chief Engineer.

OPERATING ROOM

STAFF

Miss A. Arendes.....	Chief Surgical Nurse
Miss L. Adams.....	Assistant
Miss Quirk.....	Assistant
Miss Hall	Assistant
Miss M. Doyle.....	Assistant, Eye, Ear, Nose & Throat

PRIVATE PATIENTS

Major	685
Minor	1307
Cystos	137
Casts	101

CLINIC PATIENTS

Surgical—	
Major	195
Minor	152
	<hr/>
	347
Gynecological—	
Major	101
Minor	127
Cystos	31
	<hr/>
	259
Genito-Urinary—	
Major	52
Minor	68
Cystos	57
	<hr/>
	177
Orthopedic—	
Major	21
Minor	33
Casts	21
	<hr/>
	75

Eye—	
Major	43
Minor	4
	<hr/>
	47
Dental—	
Major	25
Ear, Nose and Throat—	
Major	31
Minor	30
Clinic tonsils	570
	<hr/>
	631
Total clinic operations.....	1561
Total private operations.....	2230
	<hr/>
Grand total	3791

DEPARTMENT OF ANAESTHESIA

Dr. Caroline B. Palmer.....	In Charge
Dr. Robert Burrows.....	First Assistant
Dr. Lorruli Rethwilm.....	Second Assistant

ADMINISTRATION OF ANAESTHETICS

Private	1654
Private by Visiting Anaesthetists	69
Clinic by Hospital Anaesthetists	1260
Clinic by Internes	128

NITROUS OXIDE AND OXYGEN

Surgical	802
Obstetrical—	
Private	232
Clinic	225

INSTRUCTION

Number of instructions in administration of anaesthetics to	
Medical Students and Internes	296

HOSPITAL LABORATORY REPORTS

DEPARTMENT OF RADIOLOGY

STAFF

W. Edward Chamberlain, M. D.	Director of Laboratory
Robert R. Newell, M. D.	Assistant Director
Harry Spiro, M. D.	Consultant in Cardiac Roentgenology
James A. Guilfoil, M. D. ..	Consultant in Gastrointestinal Roentgenology
Miss Frances Marron	Chief Clerk and Technician
Mr. William J. Taylor	Chief Technician
Miss Minnie Steding	Technician
Miss Avis Burchard	Dark-room Technician
Miss Eleanor Clark	Stenographer
Miss Mildred Spires	Stenographer

During the year ending August 31, 1922, the following units of service were rendered by this Department:

X-RAY

	Private	Clinic	Totals
Cases	1,999	4,238	6,237
Visits	3,151	6,151	9,302
Radiographs, except dental films.....	6,599	10,205	16,804
Dental Films.....	4,585	9,358	13,943
Total Radiographs.....	11,184	19,563	30,747
Fluoroscopic Examinations.....	1,100	2,303	3,403
Treatments-Visits	488	770	1,258
<hr/>			
Total Units of Service.....	12,772	22,636	35,408

RADIUM

	Private	Clinic	Totals
Cases	167	248	415
Visits	252	403	655
Mghrs	155,097	236,018	391,115

With regard to X-Ray a comparison of the above table with last year's report shows an increase of 11% in the number of total service units, and an increase of 6% in the total number of cases handled. A critical analysis, however, shows that while the number of clinic cases increased by 15%, the number of private cases decreased 9%. As a result of this shifting in proportion of clinic and private work, this

report shows 32% of the total number of cases private and 68% clinic, whereas, last year's analysis gave 37½% private to 62½% clinic.

Last year's report dealt largely with the very important changes and marked improvements in the physical facilities of the laboratory which marked the year 1920 to 1921. The work of the present year has not included any such drastic changes, but the steady improvement in the quality of the technical results has been a source of satisfaction.

The spectacular advances which are almost daily in evidence in the field of radiology make it very difficult to keep this, or any other laboratory parallel with the front rank of progress. We now find ourselves under the necessity of obtaining new apparatus and additional space for use in the new High Voltage X-Ray Therapy, which has recently proven itself indispensable in the treatment of a number of conditions.

The year's figures regarding treatments with the Fitzhugh Radium indicate that, whereas there has been a decrease in the number of case visits, there has been an increase in the total number of milligram hours utilized. Last year 25% of the total available number of milligram hours of radiation was utilized. This year 36% of its total energy was expended while actually in use. The above figures indicate a smaller number of treatments to each individual case, but larger dosages for each treatment. This tendency to increase exposure-time has in many instances rendered additional exposures at a later date unnecessary.

We are happy to report that the combination of radium-therapy with surgical methods has resulted in a number of apparent cures of malignant disease during the past year. This is notably true of several cases referred to the Department by the Division of Obstetrics and Gynecology. The use of radium in the many conditions in which it is indicated in gynecology may be said to have come to rest upon a strictly scientific basis. It has sometimes supplanted surgery, but in general it is used in combination with surgery. The present very desirable basis upon which our radio-therapy in gynecology rests has resulted from the coöperation of the Division of Obstetrics and Gynecology.

During the past year instruction in radiographic technic was furnished to Miss Minnie Steding and to Miss Eugenie Mencke. It is a pleasure to report that upon graduation Miss Steding's worth resulted in her becoming our permanent X-Ray technician, while Miss Mencke was placed in a position of responsibility as second technician at the San Francisco Hospital. Our present student technician is Miss Grace Schrader. She also has developed marked proficiency. It is probable that the care with which candidates for this course of instruction are

selected accounts for the remarkable percentage of successful graduates.

W. EDWARD CHAMBERLAIN.

DEPARTMENT OF PHYSIO-THERAPY

The Physio-therapy Department, which includes suitable equipment for giving treatment of a hydro-therapeutic, mechano-therapeutic, electro-therapeutic, thermo-therapeutic and others of a similar nature for restoration of function and improvement of disabling conditions, has maintained the following staff of workers during the past year.

Harry Leslie Langnecker, M. D.Director
Robert F. Kile, M. D.Assistant to Director
*Francis BoerkePhysio-therapist
†Oscar K. Holst.....Therapeutic Massage and Gymnastics
Edith Persons, R. N.Executive Assistant
Kathryn D. Vaughn, R. N.Technician in Hydrotherapy and Massage
Rose Blanchet.....Technician in Electro-therapy
Zelie J. HusseySecretary

A record of the number of treatments given is tabulated in the following manner:

CLINICAL	Massage	Hydro-therapy	Electro-therapy	Mechano-therapy	Postural correction	Thermo-therapy	‡Occupational therapy	Total treat
Chest .....	....	....	....	....	....	....	....	....
Children's .....	....	....	4	....	150	....	....	154
Eye .....	....	....	19	....	....	....	....	19
Medical	7	34	177	....	....	13	....	231
Men's .....	....	....	56	....	....	4	....	60
Nervous	31	64	814	20	....	71	....	1000
Orthopedic	87	630	239	87	108	523	....	1674
Skin .....	....	....	....	....	....	....	....	....
Surgical	321	83	14	222	....	299	....	939
Women's	12	186	133	....	....	12	....	343
Nose and Throat ....	....	....	....	....	....	....	....	....
	458	997	1456	329	258	922	519	4938
PRIVATE	1685	2033	1062	881	308	1640	....	7609
	2143	3030	2518	1210	566	2562	519	12548

* Resigned June 1, 1922.

† Since June 1, 1922.

‡ Occupational-therapy was commenced March 27, 1922.

Comparison with the record of the previous year shows an increase in clinic cases and decrease in private cases treated. Physicians are not utilizing even to a moderate degree the facilities of this Hospital department.

In conjunction with the Social Service a most successful effort has been made to carry on occupational therapy for indicated cases, both in the Out Patient and in the clinic wards. The necessity for the continuance and extension of these curative procedures are being more recognized and it is hoped that during the coming year sufficient funds may be obtained to employ a paid worker and thereby greatly increase the effectiveness of work therapy. Miss M. L. Holden has given voluntary services in this branch of therapy.

There has been instituted a course of study for the training of technicians in physiotherapy. This course is designed to give adequate theoretical and practical knowledge to those persons who want to have efficient training in this branch of medical treatment carried on under the supervision of the medical profession. It is also open to members of the medical profession who may be interested in acquiring familiarity with the methods and results of the various forms of physiotherapy. The course has been instituted to meet a strong demand for wider universal knowledge of physiotherapy in its application to rehabilitation and industrial accident work.

HARRY LESLIE LANGNECKER.

ELECTROCARDIOGRAPH AND BASAL METABOLISM
LABORATORY

Dr. A. W. Hewlett in charge.

During the year ending September 1, 1922, 865 electrocardiograms were taken. The following list indicates the more important abnormalities observed:

	No. of Patients
Left ventricular preponderance.....	191
Right ventricular preponderance.....	24
Abnormal P Wave	46
Abnormal T Wave.....	196
Widening of QRS Complex.....	34
Sinus Irregularity.....	4
Heart Block.....	5
Extrasystoles { Ventricular	65
{ Auricular	10

Auricular Fibrillation	55
Auricular Flutter	7

During the year ending September 1, 1922, 494 determinations of the basal metabolic rate were made.

CLINICAL LABORATORY
 SEROLOGICAL LABORATORY
 STANFORD HOSPITAL LABORATORY

Dr. H. A. Wyckoff.....	Director
Miss C. C. Pringle.....	Assistant
Mrs. E. G. Houchin.....	Assistant
Miss A. M. Hall.....	Assistant
Mr. G. Arguedas.....	Assistant
Mr. C. C. Johnson.....	Assistant
Miss R. M. Camblin }	Student Assistants
Miss N. C. Drury }	
Mr. H. Briesen.....	Caretaker

Notwithstanding the steadily increasing demands made upon the Clinical Laboratory, it has accomplished the task of providing laboratory facilities for the clinical wards of the Hospital and of carrying on laboratory examinations required by the Out-Patient Clinics, perhaps somewhat more successfully than ever before. Almost without exception moreover its contact has been an harmonious one.

The Serological Laboratory has maintained a regularity of function throughout the year that, considering the perishable nature of specimens received and of the reagents used in serological tests, is quite remarkable.

The number of Wassermann reactions for the year ending September 1, 1922, is 6415.

The number of Colloidal Gold tests 260.

In addition to carrying on the more usual laboratory procedures in connection with private rooms and wards of the hospital, the Stanford Laboratory has performed considerable work beyond its original design and in excess of its present facilities in space and equipment. Incidentally it has produced a substantial financial gain over and above its own maintenance.

Appended is a list of the examinations made in the Laboratories during the year ending September 1, 1922:

	Stanford Hospital Laboratory	Clinical Laboratory
Urines	4028	5167
Blood Counts, etc.	1899	2659
Faeces	424	926
Gastric Contents	170	354
Cerebrospinal Fluids	166	.....
Sputa	139	376
Transudates and Exudates	21	.....
Miscellaneous Examinations	94	6

BACTERIOLOGY LABORATORY

Dr. Ernest C. Dickson.....	Director
Miss Lois K. Park.....	Assistant
Miss Ellen Eklund.....	Technical Assistant

This laboratory is equipped to make bacteriologic examinations for diagnostic purposes, serological tests (except the Wassermann reaction) and typing of blood for transfusion, as well as for the preparation of autogenous vaccines.

There has been a considerable increase in the use of the laboratory facilities by the clinic wards of Lane Hospital and the out-patient department, the number of examinations during the year ending August 31, 1922, being 28.5% in excess of the number for the previous year.

The list of materials examined is as follows:

Appendix	1
Blood Hemoptysis	2
Blood Culture	146
Blood Typing	94
Blood Agglutinations (Widal).....	51
Cerebro Spinal Fluid.....	28
Contents of Cysts.....	3
Contents of Gall Bladder.....	28
Curetting from Tooth Abscess.....	17
Duodenal Contents	8
Exudate from Conjunctiva.....	8
Exudate from Joints.....	15
Exudate from Peritoneum.....	4
Exudate from Pleura.....	38
Exudate from Tunica Vaginalis.....	2
Lochia	15

STANFORD UNIVERSITY HOSPITALS

51

Milk	2
Nasal Discharge	36
Post Operative Wound.....	12
Pus from Superficial Abscess including Furunculosis.....	92
Pus from Empyema	2
Pus from Mastoid and Middle Ear.....	54
Pus from Nasal Sinus.....	5
Pus from Tuberculous Abscess.....	4
Pus from Oidium Coccidioides Abscess.....	2
Pus from Other Sources.....	11
Pneumococcus Group Test.....	17
Prostatic Secretion.....	14
Post Mortem Material.....	3
Smears from Larynx.....	2
Smears from Cervix and Vagina.....	56
Smears from Urethral Discharge.....	14
Smears from Wound (Bacterial Count).....	4
Stool Culture	59
Sputum Culture	66
Tissue Culture	9
Throat Culture	1,181
Urine	667
Vaccines Prepared (Autogenous).....	52
Vaginal Discharge	5
	<hr/>
	2,115

ANIMALS INOCULATED FOR DIAGNOSIS

Guinea Pigs.....	159
Rabbits	2
White Mice	26
	<hr/>
	187

DIVISION OF PATHOLOGY

PATHOLOGICAL LABORATORY

W. Ophüls, M.D.....Pathologist to Hospital
 Jean R. Oliver, A.B., M.D.....Assistant

Autopsy record, 1921-1922, from September 1, 1921, to August 31, 1922:

Medicine	35
Obstetrics and Gynecology.....	12
Private	3
Surgery	4
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Total	54

The principal lesions in these fifty-four cases were as follows:

Abscess, of the lung.....	1
Abscess, perirenal	1
Amyloid Disease.....	1
Aneurysm of aorta.....	1
Arterio-sclerosis, of cerebral arteries.....	2
Arterio-sclerosis, of coronary arteries.....	4
Arterio-sclerosis, general.....	5
Asphyxia, Neonatorum	1
Brain softening of, with involvement of internal capsule.....	1
Carcinoma of gall-bladder.....	1
Carcinoma of rectum.....	1
Carcinoma of stomach.....	1
Carcinoma of tongue.....	1
Carcinoma of uterus.....	1
Cholecystitis, chronic	3
Cholelithiasis	2
Duodenal ulcer, with erosion of artery.....	1
Endocarditis, chronic, healed.....	2
Enteritis, under three years.....	1
Encephalitis, epidemic	1
Gangrene of hand.....	1
Gangrene of legs.....	2
Glio-sarcoma	2
Goitre, exophthalmic	1
Hemorrhage, sub-dural, traumatic	1
Hernia, retro-peritoneal	1

Influenza	1
Melano-sarcoma of choroid.....	1
Meningitis, pneumonococcus infection.....	1
Metritis, Puerperium, acute, streptococcal	1
Myocarditis, chronic.....	1
Necrosis of heart muscle.....	1
Neo-arsphenamine, combined with corrosive sublimate, ill-effects of	1
Nephritis, sub-acute.....	3
Nephritis, chronic, with cysts.....	1
Nephrolithiasis	2
Pericarditis, acute	1
Peritonitis, general, acute.....	3
Pneumonia, chronic, healed.....	1
Pneumonia, lobar	1
Pneumonokoniosis	2
Porencephaly	1
Proctitis, suppurative	1
Pyelo-nephritis, acute	2
Septocemia	1
Strangulation, umbilical cord.....	1
Syphiloma of liver.....	1
Syphilis of aorta.....	1
Syphilis, congenital	6
Tuberculosis, mesenteric lymph glands.....	3
Tuberculosis, lungs, chronic.....	5

During the last year 918 surgical specimens were examined in the laboratory.

LABORATORY OF SURGICAL PATHOLOGY

Frank E. Blaisdell.....Associate Professor of Surgery

Report of tissue examinations made from September 1, 1921, to August 31, 1922:

Abortion	1
Abscess (of brain)	1
Adenoma (of thyroid and prostate).....	41
Adipose tissue	1
Angioma	5
Appendicitis, acute	31
Appendicitis, chronic	64
Appendix, normal	2

Blood clot	1
Breasts, hypertrophy of.....	1
Bone, normal	1
Bursitis, chronic	2
Carcinoma (including epithelioma, rodent ulcer, papillary).....	80
Cervicitis, chronic	2
Cholecystitis, acute	9
Cholecystitis, chronic	31
Cholesteatoma	1
Chondritis	1
Cysts (including appendiceal, dermoid, omental, parotid, sebaceous, branchial, thryoglossal, ovarian).....	19
Dermatitis, infective	1
Deferentitis, seminal	3
Degenerated tissue	1
Digit, supernumerary	2
Diverticula (including of bladder, duodeno-jegunal angle, appendix)	4
Endometritis, chronic	3
Endothelioma	5
Epithelial tissue	3
Epididymitis, chronic	3
Epididymitis, tuberculous	4
Ethmoiditis	2
Fibromas (including breast and epulis).....	12
Fibro-adenoma	1
Fibro-lipoma	1
Fibroma molluscum	1
Fibro-myoma	6
Fibro-sarcoma	8
Fibrous tissue	5
Ganglion	2
Gland tissue, accessory.....	1
Goiter	3
Granulation tissue	12
Granuloma (non-specific)	2
Granuloma (specific)	1
Gun-shot wound of intestine	1
Hallux valgus	1
Hemorrhoids	3
Hodgkins disease	1
Hepatitis, chronic	1
Hernial sac	15

Hydrocele	8
Inflammatory tissue, acute	6
Inflammatory tissue, chronic	45
Inflammatory tissue, tuberculous	5
Kidney, post-operative hemorrhage.....	1
Lipoma	8
Lymphadenitis, non-tuberculous	14
Lymphadenitis, tuberculous	8
Lymphoid tissue	1
Mastitis, chronic	8
Mastoiditis	1
Mammillitis, chronic	1
Metritis, chronic	5
Meningeal tissue	1
Nephritis, chronic	3
Nephritis, tuberculous	4
Neuritis	1
Nevus (including pigmented, hairy)	3
Neuroma	3
Omental tissue	1
Osteomyelitis	4
Oöphoritis, chronic	3
Orchitis, and periorchitis, suppurative	1
Orchitis, tuberculous	1
Osseous tissue	1
Osteoma	3
Papilloma	6
Peritonitis	1
Periepididymitis	1
Polypoid tissue	3
Polypus, uterine	1
Prepuccial tissue	4
Prostatitis, chronic (including prostatic urethritis).....	15
Prostatitis, tuberculous	1
Purulent exudate	1
Pyosalpinx	1
Rhinitis	10
Salpingitis, chronic	4
Sarcoma (including melanotic)	8
Scar tissue	5
Sequestrum	1
Syphilis	1

Testis, undescended	1
Tissue, nasal	2
Thrombosis of vein.....	1
Tonsilitis	211
Tumor of brain (including glioma, dural endothelioma, gliop psammona)	6
Tumor of lung, mixed	1
Tunica vaginalis, inflammation of.....	1
Ulcer (of leg, stomach).....	4
Varicose veins	8
Vesiculitis (including tuberculous and non-tuberculous).....	5
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Total	844

OUT-PATIENT CLINICS

Mr. George Herman.....	Registration Clerk
Mrs. H. E. Skwer.....	Custodian of History Room
Mrs. A. Lennen.....	Filing Clerk
Miss B. Spiker.....	Filing Clerk

The folowing table gives in detail the record of attendance for the past year :

	New Patients	Visits old Patients	Refer'd Transf'd	Total Visits	Refer'd Lane	To S. F. Hospital	Home Visits
September	929	5,518	559	7,006	275	36	252
October	1,247	6,524	623	8,394	277	39	493
November	900	5,732	583	7,215	221	36	445
December	875	6,016	518	7,409	257	19	424
January	1,012	6,223	532	7,767	248	36	508
February	832	5,373	444	6,631	253	35	455
March	979	6,401	635	8,015	300	31	437
April	876	6,179	580	7,635	235	26	370
May	965	6,298	570	7,833	272	35	451
June	1,116	6,240	564	7,920	216	38	309
July	978	6,081	627	7,686	164	20	511
August	1,028	7,098	599	8,725	103	37	437
<hr/>		<hr/>		<hr/>		<hr/>	
	11,737	73,683	6,834	92,254	2,821	388	5,092

DEPARTMENT OF MEDICINE
HOSPITAL SERVICE

Dr. A. W. HewlettExecutive
Dr. H. E. Alderson, Dr. J. Catton, Dr. W. F. Cheney, Dr. E. C.
Dickson, Dr. T. G. Inman, Dr. A. C. Reed, Dr. W. F.
Schaller.....Attending Physicians

About forty beds are devoted to the Medical Clinic service at Lane Hospital. In this service a special effort is made to coöperate with the Out-Patient Department for a careful and complete examination. This is usually completed in four days, after which the patients are returned to the Out-Patient Department for further observation and treatment. Physicians connected with the Department of Medicine are also permitted to send private patients with limited means into the clinic ward for diagnostic examination.

During the past year 681 women and 1622 men were admitted to the clinic hospital service for medical, neurological or dermatological complaints. In the treatment room 1009 intravenous injections of salvarsan were given, and 209 intradural treatments. There were 23 thoracenteses, 8 parasenteses and 23 blood transfusions.

DIAGNOSTIC GROUP FOR PRIVATE PATIENTS

The hospital offers a diagnostic service for private patients at a fixed cost (\$50.00) under the following conditions. The patient spends three days in a private ward of the hospital and is examined by members of the hospital staff who have specialized in the various fields where trouble is suspected. Laboratory and X-ray examinations are made wherever suggested by any of these specialists. A report of the examination is furnished the attending physician. Since the examination is made at a reduced rate, this service is open only to those who cannot afford the usual cost of an extensive medical examination.

MEDICAL CLINIC

Dr. D. E. Shepardson.....Chief of Clinic

SPECIAL CLINICS

Drs. Boardman, Luttrell, Kroll, Kinslow, Guilfoil, Benzinger,
and HansenGastroenterology
Dr. GuilfoilProctology

Drs. Spiro, Barnes, Mentzer, and Arnold.....	Chest and Heart
Drs. Addis, Haven, and Schussler.....	Nephritis and Diabetes
Dr. Reed.....	Tropical and Parasitees
Dr. Shepardson	Endocrinology
Drs. Mentzer, Barnes, and Shepardson.....	General Medicine

ATTENDANCE OF PATIENTS

New patients	1,376
Old and referred patients	8,703
	<hr/>
Total patients' visits.....	10,079

The past year has shown an increase in the total attendance at the medical clinic of 24% over the preceding year. The increase in the number of new patients for this year is 6.5%.

The service in the clinic is to be improved by the addition of a graduate nurse to the staff. This will make possible the carrying on of additional diagnostic methods and treatments in the clinic for which it had been necessary to send the patients into the hospital or to other clinics. The subdivision of the work into special clinics continues to prove beneficial to both clinician and patient.

Arrangements with the X-ray division have enabled the out-patient physicians to follow the fluoroscopic work of their own patients in the X-ray department.

Daily rounds in the hospital wards by the chief of clinic have allowed a better coördination between the hospital service and the out-patient clinic, while the weekly rounds in the wards by the entire out-patient staff are being maintained.

Better arrangements in the reference of patients between the different clinics and laboratories permits of a more prompt diagnosis and treatment of the cases. Efforts at improving the home conditions and supervising home treatment in cases too ill to come to clinic and unable to enter the hospital are proving more successful through the coöperation of the social service department and volunteer students.

The clinic is greatly handicapped by the lack of sufficient funds for free beds in the hospital and X-rays and medicines in the treatment of the outpatients.

DENTAL CLINIC

Dr. John L. Campbell.....	Chief of Clinic
Dr. C. D. Gwinn.....	Assistant
Mrs. Stephens	Nurse
Miss J. M. Daly.....	Clerical Assistant

ATTENDANCE OF PATIENTS

1918	1919	1920	1921	1922
1087	872	1369	1771	2266

The attendance for the past three years has shown a steady increase, so much so that the attendance this last year is nearly double that for the year ending August, 1920. It is quite interesting to note that this marked increase in the attendance of the Dental Clinic is coincident to the general awakening along lines of dental foci of infection. While the work and facilities of the Dental Clinic is strictly limited to dental examinations, extractions, and removal of dental foci of infection, it is hoped that the time is not very far off when the scope of the work will be considerably enlarged. The outstanding needs of the Dental Clinic are a larger clinic room, recovery room, and additional equipment including an X-ray viewing box, an X-ray filing cabinet and duplication of such equipment as would speed up the work of the clinic.

CHEST CLINIC

Dr. Philip H. Pierson.....Chief of Clinic
 Dr. W. R. P. Clark....Chief of Stanford Service at Tuberculous Hospital
 Clara A. Saunders, R.N. Margaret Gowan, R.N.

Number of old cases.....	1,543
Number of new cases.....	95
Number referred and transferred.....	285
	<hr/> 1,923

NEURO-PSYCHIATRIC CLINIC

August 31, 1921–August 31, 1922.

Dr. Henry G. Mehrtens.....Chief of Clinic

SPECIAL CLINICS

Dr. Walter F. Schaller.....Lane Hospital Service
 Dr. Julian Mast Wolfsohn }San Francisco Hospital Service
 Dr. Thomas G. Inman }
 Dr. James B. Cutting.....Psychiatry
 Dr. Norbert J. Gottbrath.....Epilepsy
 Dr. Joseph Catton.....Neuroses
 Dr. Edward F. Stadtherr.....General Clinic Work
 Miss E. D. Whitmire.....Psychology
 Mr. Arthur Ritter.....Mental Rating

Mrs. Grace Hunt.....	Mental Rating
Miss N. J. Poock van Baggen.....	Speech Defects
Miss G. M. G. Rivington.....	Speech Defects
Mrs. Amelia Motzkau.....	Technician
Mrs. Eugenie Boselly.....	Volunteer Worker

ATTENDANCE OF PATIENTS 1921-1922

New and referred patients.....	1,046
Number of visits of old patients.....	10,396
<hr/>	
Total number of visits.....	11,442
Number of patients entering Hospital from Clinic.....	827

ATTENDANCE COMPARED WITH PREVIOUS YEARS

1913	1914	1915	1916	1917	1918	1919	1920	1921	1922
3341	6013	5600	5644	6568	4539	3689	6551	8433	11,442

The attendance of the Clinic shows a most satisfactory increase (more than 35%) since last year. This increase in all phases of the work must cease this year unless more space can be secured. A further extension of the usefulness of the clinic will necessitate proper sound-proof, individual examination rooms which are necessary to give confidence to the patient in telling his psychical difficulties to the examining physician.

A very important addition to the Clinic this year was the introduction of a Psychological Clinic under the supervision of Miss Whitmire. This Clinic tends to bridge what was formerly the gap between the province of neurology and that of psychiatry. In this department of the Clinic the abnormal psychological problems are worked out and the underlying psychic causes are investigated so that, for the first time in the history of our Clinic, we can feel that the whole range of Neuro-psychiatry can be cared for. Along the same general lines we hope to establish a closer relationship between the Department of Psychology at Palo Alto and our Clinic, within the next year, as it is only by such coöperation that we can hope to give the patient the benefit of the newer discoveries.

The Clinic is again fortunate in receiving assistance from the Inter-departmental Board of Social Hygiene in the study of problems concerning the care of early neuro-syphilis to determine just when neuro-syphilis begins. This work has been much facilitated by the hearty coöperation of Dr. Otto Barkan.

Mrs. Kate Felton-Neilson was again the financial mainstay of the Clinic with her monthly contributions. Only a chief of clinics who

attempts to investigate the problems presented by ten thousand out-patient visits on a budget of \$200.00 can appreciate the immense assistance she has given us.

Mrs. Eugenie Boselly has been an invaluable aid in maneuvering the same number of cases through a floor space utterly inadequate to receive them.

Our Hospital service has shown especially commendable improvement. The coördination of the out-patient clinics and the wards is approaching the point where no time or energy is lost in the transfer from one branch to the other. We are especially fortunate in Dr. Hewlett's coöperation in having our nervous and mental patients treated in the midst of the medical wards. Only the few noisy or violent cases are sent to the special rooms provided for them. This plan has been worked out so that each patient receives the same thorough work-up and consultation that is extended to the purely diagnostic case. It takes away the emphasis of the older or isolation method where-in the maximum result to be achieved was the protection of the patient, proper diet and some hydro-therapy. As a side issue it has considerable educational influence, not only on the medical student but on the members of the general hospital staff, who, by the success of the plan, are impressed with the fact that a patient with a nervous or mental disease is not necessarily a candidate for a padded cell but only presents a more than usually difficult problem in diagnosis.

The number of clinic treatments shows a large increase, largely due to the enthusiasm of Mrs. Motzkau. The value of this work lies not only in the more regular and more rapid therapeutic results but in the availability of the cases for student demonstration.

CLINIC FOR SKIN DISEASES AND SYPHILIS

STAFF

Dr. Harry E. Alderson.....Chief of Clinic

ASSISTANTS

Dr. H. C. Coe Dr. George H. Becker Dr. Louise E. Taber
Miss Elsa Cook.....Clerical and Technical Assistant
Miss Rhoda Mills.....Social Service Worker

ATTENDANCE OF PATIENTS

From August 1, 1921 to August 31, 1922.

Number of new and referred patients.....	1,658
Number of visits of old patients.....	7,786
Total visits.....	9,444

Number of arsphenamin injections in Lane Hospital.....	153
Number of arsphenamin injections in day and night clinics.....	1,602

Since the war, with increasing unemployment, the clinic attendance has steadily grown. This increase has been particularly rapid the past few weeks. The work of the skin clinic begins at 9 a.m. and lasts until nearly noon every day. In addition to this we have a special night clinic every Tuesday from 5:30 until 7 (or later), averaging forty patients each night. Daily visits are made to bed patients in Lane Hospital and weekly visits to the Stanford wards at the San Francisco Hospital.

With our very large attendance we could easily utilize at least five rooms but we are crowded into three small rooms, two of which are poorly lighted. When contagious cases requiring isolation come in one of these rooms has to be closed. This makes it extremely difficult to do our work. A crying need of our clinic is more rooms and better light and ventilation.

Our radium and X-ray therapy continue to produce good results. This is due largely to the full coöperation given us by the X-ray Department which has charge of the equipment. We retain full charge of our patients and are able to direct and check up on their treatment. Recently arrangements have been made whereby some of the Skin Clinic staff personally attend to these special treatments in the hospital, thus relieving the X-ray Department of considerable work and enabling us to keep in closer contact with a most important branch of dermatological therapeutics.

Many of our patients present troublesome and distressing skin eruptions that are associated with more or less serious underlying constitutional disorders. If more free beds were available such patients could be relieved of their disability and returned to their work in good condition much more promptly than is possible now. We are having more and more patients who cannot buy their medicine. More funds to provide free beds and free medicine would be of very great assistance in our work.

CHILDREN'S CLINIC

Dr. Harold K. Faber.....Chief of Clinic

ASSISTANTS

Dr. Millicent Cosgrave	Dr. Joseph A. Sampson
Dr. Jay Jacobs	Dr. Hermann Schussler
Dr. Mary H. Layman	Dr. Herbert H. Yerington
Mr. Guy S. Farrington.....	In charge of Clinic for Speech Defects
Miss Eleanor Dellow, R. N.	Nurse in Charge

VOLUNTEER ASSISTANTS

Miss Velma Bercovich	Miss Marjorie Newman
Mrs. George Bowles	Mrs. M. R. Robbins
Miss Margaret Buckbee	Miss Alice Schussler
Mrs. W. Dearborn Clark	Miss Irma Taylor
Miss Delight Curtaz	Miss Eltrude Wagner
Mrs. Paul Fagan	Miss Pauline Wheeler
Miss Eleanor Humphreys	Miss Louise Wildberg
Miss Edith Kynnersley	Mrs. Henry Wolff
Miss Germaine Levy	Miss Florence Workheim

ATTENDANCE

New Patients, admitted directly to Clinic.....	1656
New Patients, transferred from other clinics.....	159
Total New Patients.....	1805
Visits of Old Patients.....	6055
Total Visits.....	7860
Total visits last year.....	6802
Gain	1058

The Children's Clinic, for many years the largest in new patients of all the Stanford Clinics, has during the last year shown an increase of over 1000 in total visits. The conditions of overcrowding, bad enough in former years with a smaller attendance, have become acute, particularly on Fridays when the usual daily attendance is augmented by the Well Baby Clinic.

The plan of using volunteer assistants, initiated something over a year ago, has been continued with success, and we wish to acknowledge at this time our gratitude to these women who have so greatly helped us in our work.

Deserving of special mention are the special clinics carried on in connection with the general clinic. Dr. Sampson has conducted a nutrition class on Saturdays for malnourished children, with gratifying gains in weight and health. Such a class, conducted in a children's clinic, is favored by the facility with which the various physical defects of undernourished children can be detected and removed, leaving the children free to gain. Dr. Schussler has continued his study of the treatment of congenital syphilis, with excellent results in many hitherto refractory cases. Dr. Layman has conducted the clinic for foster

children of the Associated Charities and also the special afternoon clinic for school children, which is coöperating with the public schools in an effort to reach the undernourished school children. Dr. Cosgrave during the past year has, on account of illness, taken a leave of absence. It is fitting here to express our sense of the faithful and invaluable services which she has given the Children's department of Stanford for many years, and our great regret at her enforced absence. Dr. Cosgrave has not only been a faithful worker in the general clinic, but has done special work with adolescent girls and with contagious disease. She has for several years taught Junior classes in the Medical School and conducted the children's ward service at Lane during the summer months. Association with her in the clinic and ward and class room has been to all of us a pleasure and an inspiration, and her place will be hard indeed to fill.

During the year, we have introduced a series of printed forms for histories and physical examinations which has increased the completeness of our records and at the same time lessened the labor. It is possible for a lay volunteer with some little training to take a satisfactory preliminary history, saving the doctor's time in recording many essential items. This plan, now in wide use in clinics elsewhere, appears to be a great improvement over earlier practice, and to deserve still wider employment.

CHILDREN'S WARD IN LANE HOSPITAL

An increasing use of the Children's Ward in Lane Hospital for diagnosis and treatment has followed the physical improvements which were made last year. We are drawing the clinic and the ward more closely together by ward rounds and an effort to have the clinic physicians follow their cases in the ward. This is a tendency which it is particularly desired to favor. The Senior in Pediatrics, is assigned to work in both places, with the result that the ward service has been greatly improved both in quantity and interest. During the year 118 patients have been referred to the ward from the children's clinic. This number, of course, represents only a fraction of the total admissions, many of which are from other clinics or admitted directly through the front door.

CONVALESCENT HOME

One hundred and six children have been sent from the clinic and ward to the Convalescent Home at Palo Alto. Two important innovations have been introduced, both of which greatly increase the effectiveness of the Home and make it possible to send children suffering from

more serious maladies than before. Four hospital beds have been supplied to the Home and a ward for bed patients established. A resident nurse is now at the Home whose duties are to supervise, under physicians' instructions the medical care of the children. It is now possible for us to give the benefits that the Home has to offer, to those children whose convalescence is necessarily slow, who continue to require some special nursing and who have to remain all or part of the day in bed.

HAROLD K. FABER.

DIVISION OF SURGERY

SURGICAL CLINIC

Dr. M. E. Rumwell.....	Chief
Dr. W. C. Hobdy.....	Assistant
Dr. J. P. Strickler.....	Assistant
Dr. H. J. Cooper.....	Assistant
Mrs. C. M. Doyle.....	Clerk

ATTENDANCE SUMMARY

New patients.....	1054
Old patients.....	5758
Referred and transferred patients.....	809
To Lane Hospital.....	180
To San Francisco Hospital.....	70
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Total number of visits.....	7621

OPERATION CLINIC—SURGICAL SERVICE

Drs. Stillman, Cowan, Gilman, Towne
September 1, 1921, to August 31, 1922.

Hernioplasty—	
Single inguinal	44
Double inguinal	17
Femoral	1
Ventral	2
(2 with appendectomy)	
Appendectomy	36
Gastric and duodenal ulcer—	
Gastro-enterostomy with cauterization.....	4
Pylorectomy and gastro-enterostomy.....	1
Carcinoma of stomch—	
Inoperable	4
Gastro-enterostomy	2
Pylorectomy and gastro-enterostomy.....	1
Carcinoma of esophagus—	
Gastrostomy	1
Carcinoma of rectum—	
Resection of	4

Cholecystectomy	13
Intestinal obstruction adhesions	1
Brain tumors	3
Brain cysts	2
Ventriculograms—	
Diagnostic	1
Rodent ulcer of eyelid—	
Resection and plastic	1
Sarcoma of abdominal wall	1
Sarcoma of foot	1
Carcinoma of breast—	
Radical amputation Single	8
Double	1
Cystic degeneration of breast	1
Sarcoma of antrum	1
Diverticulum of duodenum	1
Tubercular peritonitis.....	1
Fistula in ano	13
Hemorrhoidectomy	17
Bronchial cysts	2
Thyroid—	
Adenoma, removal of	6
Thyroidectomy	1
Cancer of thyroid	1
Rib resections	9
Tubercular glands of neck	6
Tubercular glands of axillae	1
Removal of bullet from neck	1
Removal of foreign body hand	1
Skin grafts—	
Burns	4
Ulcers	2
Tumor of cord—	
Luminectomy	1
Epitheloma of face—	
Resection and plastic	1
Neuroma	1
Tumor of lung—	
Excision upper lobe	1
Radium needles	1
Undescendid testicle	1
Hare lip	1

Hematoma of scalp	1
Rectal poly	1
Osteoma of hand	1
Fibroma of hand	1
Condoloma acuminate	1
Infected amputation stump, draniage	1
Abscesses, drainage—	
Ischio rectal	5
Arm	1
Neck carbuncle	1
Right foot	1
Fractures—	
Clavicle	1
Humerus	1
Radius	2
Ulna	1
Radium and ulna	3
Potts	1
Tibia and fibula	2
Tibia	1
Mandible	1
Pelvis	1
Femur	2
Dislocations	2
Amputation mid thigh	1
Osteomyelitis—	
Jaw	1
Femur	4
Ulna	1
Total	382

GENITO-URINARY CLINIC

STAFF

Dr. J. R. Dillon.....	Chief of Clniic
Dr. Lloyd R. Reynolds.....	Assistant
Dr. C. H. Woolsey.....	Assistant
Dr. Edward Salomon.....	Assistant
Ben F. Jones.....	Technical Assistant
Mrs. J. Morrille George.....	Clerk of Clinic

ATTENDANCE SUMMARY

Number of New Patients, Gonorrhoeal.....	39	
Number of New Patients, Miscellaneous.....	613	
		<hr/>
		752
Number of Referred and Transferred Patients.....		377
Number of Visits, Old Patients.....	11,621	
		<hr/>
Total Number of Visits.....		12,750
Patients Sent to Lane Hospital.....	91	
Patients Sent to San Francisco Hospital.....	34	
		<hr/>
Total Number of Patients Sent to Hospitals.....		125

OPERATIONS AT LANE HOSPITAL

Abscess, Perineal-Drainage	5
Buboes, Incision and Drainage	3
Bladder, Cauterization	1
Bladder, Diverticulum	2
Circumcision	59
Cowpers Gland, Incision	1
Cystoscopy	42
Cystotomy, Suprapubic	18
Cystotomy, Perineal	5
Caulk's Punch	1
Epididymectomy	14
Epididymotomy	5
Fulguration	4
Herniotomy	3
Hydrocele	23
Nephrectomy	4
Orchidectomy	4
Prostate, Drainage	6
Prostatectomy, Perineal	7
Prostatectomy, Suprapubic	28
Prostatic Stone, Removal	1
Radium	10
Spermatocoelectomy	1
Ureter, Dissection	2
Urethra, Dilatation	2
Urethroplasty	2
Ureteral Stone, Removal.....	3

Varicocele	9
Varicotomy	4
Urethrotomy	4
Vesiculectomy	3
Vesiculotomy	4
X-Ray	1
Young's Punch	6
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Total Number of Operations.....	287

OPERATIONS AT SAN FRANCISCO HOSPITAL

Abscess of Penis, Drainage	1
Circumcision	4
Cystotomy, Suprapubic	1
Epididymectomy	11
Epididymotomy	9
Fistula, Rectal	1
Fistula, Urethral Perineal	1
Hemorrhoids	1
Hydrocele, Congenital	1
Hydrocele	1
Inguinal Glands, Excision	3
Nephrectomy	5
Nephrotomy	1
Prostatectomy, Perineal	3
Prostatectomy, Suprapubic	4
Prostatotomy	1
Seminal Vesiculectomy	3
Urethrotomy	1
Varicocele	1
Young's Punch	3
<hr/>	
Total Number of Operations	56

OPERATIONS IN CLINIC

Cystoscopy	130
Endoscopy	23
Fulguration	9
<hr/>	
Total Number of Operations	162

DIAGNOSES AT CLINIC

Abscess	11
Arthritis, Gonorrhoeal	2
Adenitis	5
Balanoposthitis	1
Balamitis	3
Bladder, Calculus	1
Bladder, Contraction of Neck	7
Bladder, Cystitis	1
Bladder, Paralysis	1
Cancer of Penis.....	1
Carcinoma of Prostate	5
Carcinoma of Bladder Wall	1
Chancres	7
Chancroid	7
Condylomata	15
Cystitis	22
Epididymitis, Acute	3
Epididymitis, Chronic	35
Epididymitis, Tuberculosis	4
Fistula, Recto Urethral	1
Folliculitis	1
Hematuria	3
Hemorrhoids	2
Hernia, Inguinal	8
Herpes	4
Hydrocele	25
Hypospadias	7
Impotence	8
Infiltration, Soft	22
Kidney, Prolapsus	3
Nephritis	1
Neuralgia, Right Testicle	1
Neuresthenia, Sexual	4
Orchitis, Acute	1
Paraphimosis, Inflammatory	1
Phimosis	17
Prostate, Beginning Hypertrophy	4
Prostate, Hypertrophy	36
Prostate, Hypertrophy Median Lobe	3
Prastatitis, Acute	12

Prostatitis, Chronic	177
Prostatitis, Subacute	4
Prostatorrhoea	1
Prepuce, Redundant	65
Proctitis	1
Puritis of Ani	1
Pyelitis	5
Rheumatism, Gonorrhoeal	5
Scabies	4
Seminal Vesiculitis, Subacute	1
Seminal Vesiculitis, Chronic	11
Sinus	3
Spermatocele	2
Stricture of Urethra, Organic	47
Syphilis, Primary	9
Syphilis, Secondary	2
Syphilis, Tertiary	18
Suppression of Urine.....	1
Testicle, Undescended	2
Trigonitis	2
Tuberculosis of Bladder	2
Tuberculosis of Kidney	3
Urethritis, Acute Gonorrhoeal	74
Urethritis, Chronic Anterior	1
Urethritis, Chronic Anterior Posterior	37
Urethritis, Chronic Anterior Posterior Gonorrhoeal	23
Urethritis, Subacute	17
Urethritis, Non-specific	26
Ulcers	5
Varicocele	15
Varumontanum, Hypertrophy	1
<hr/>	
Total Number of Diagnoses	861

ORTHOPAEDIC CLINIC

Dr. Leonard W. Ely.....	Chief of Clinic
Dr. Arthur L. Fisher.....	Assistant
Dr. H. L. Langnecker.....	Postural Work
Miss Helen C. Wallace.....	Technical Assistant

In Orthopaedic Surgery, the clinic work and instruction have been under the supervision of Doctor Leonard W. Ely, assisted by Doctor Arthur L. Fisher. Doctor H. L. Langnecker has been in charge of the postural work. Miss Helen C. Wallach has been clerical assistant and technical assistant in the laboratory. Her work in the laboratory has facilitated the scientific investigation of the subdivision. The total number of visits to the clinic was 3191 of which 965 were made by new patients (including refers and transfers), and 2226 by old patients.

Doctor Ely has continued his studies on his "Second Great Type of Chronic Arthritis" and upon the healing of experimental fractures. His new book on "Inflammation in Bones and Joints" is at present in the hands of the publisher.

The great need of the clinic is a brace shop, such as is maintained by many of the orthopaedic clinics in the Eastern States. These brace shops furnish braces at cost to clinic patients, and are supported by the sale of braces to pay patients. At the present scale of prices the purchase of necessary apparatus by dispensary patients often entails a decided hardship.

CLINIC OF OTOLOGY, RHINOLOGY AND LARYNGOLOGY

Dr. Edward Cecil Sewall.....Executive

STAFF

Dr. John A. Bacher.....Chief of Clinic

ASSISTANTS

Dr. Rea E. Ashley	Dr. Harvard Y. McNaught
Dr. S. v. Christiersen	Dr. H. Staats Moore
Dr. Josiah H. Kirk	Dr. Merton J. Price
Dr. Lorruli A. Rethwilm	

IN CHARGE OF LIP READING CLINIC FOR ADULTS

Elizabeth R. Poindexter	Coralie N. Kenfield
Elsa Cook	Clerical Assistant

The following table covers the work of this department :

	New	Old	Refers and Transfers	Totals	Operations in Clinic	Operations in Hospital
September	103	651	129	883	103	68
October	116	728	105	949	57	96
November	104	602	117	823	82	48
December	104	678	107	889	62	31
January	113	686	130	929	71	39
February	103	674	103	880	59	24
March	114	866	171	1,151	91	37
April	106	732	148	986	96	48
May	120	760	139	1,019	101	45
June	117	659	164	940	85	47
July	137	640	205	982	76	76
August	126	767	97	990	90	80
Totals	1,363	8,443	1,615	11,421	973	639

OPERATIONS IN CLINIC

Adenoidectomy	32
Antra lavage	210
Antrotomy	18
Ethmoidectomy	24
Furuncle, incision of.....	4
Paracentesis	62
Peri-tonsillar abscess, incision of.....	4
Polypi, removal of.....	28
Sub-mucous resection of nasal septum.....	140
Tonsillectomy	442
Turbinotomy	7
Total	973

OPERATIONS IN HOSPITAL

Adenoidectomy	13
Adenotonsillectomy	537
Antra, lavage	7
Antrotomy	9
Bronchoscopy	2
Carcinoma of antrum.....	1
Esophagoscopy	5
Exostosis, auditory canal.....	1

Foreign body, auditory canal.....	1
Laryngeal papilloma	1
Laryngeal suspension	1
Laryngoscopy	2
Mastoid, radical	8
Mastoid, simple	21
Plastic, nasal	5
Radical operation on frontal sinus.....	3
Sub-mucous resection of nasal septum.....	9
Tonsillectomy	11
Tracheotomy	1
Tubercular larynx, cauterization of.....	1
<hr/>	
Total	639

LIP-READING CLASS FOR ADULTS, OTOLOGICAL CLINIC

TEACHERS IN CHARGE OF CLASS

Coralie N. Kenfield

Mrs. Theodore Poindexter

Class inaugurated September, 1919.

Pupils enrolled October, 1919.....	2
Pupils enrolled to June, 1920.....	5
Pupils enrolled to June, 1921.....	3
Pupils enrolled to June, 1922.....	4

Total enrollment since inauguration of class.....	14
Present number of active pupils.....	4
Approximate number of lessons given yearly to class.....	48
General Assembly of pupils.....	48

To bring the deafened adult out of his or her loneliness and the repression resultant of an isolated existence, and to teach them how to communicate with their fellow-beings in a normal way is the work of the teacher of lip-reading.

The aim is to train the eye and the mind in such a way that the pupil becomes less and less aware of his defective hearing, eye and mind together supplying the words which the ear does not catch.

The eye is trained to be quick, yet exact, and the mind learns the lesson of concentration, together with an increase of synthetic and intuitive ability. The eye is trained to recognize movements of the speech organs as identical with sound, and the mind puts two and two together instantly, and without conscious effort.

As the result of this training, nerve strain, sometimes called the "fatigue of deafness" is relieved, and depression becomes a thing of the past.

In the fall of 1919, a free class in lip-reading was opened at the Stanford University Medical School, where the opportunities for coming in contact with the deafened adult are numerous, and the work proportionately far-reaching. Through the courtesy of the Dean the use of a clinic room was set aside for the lip-reading class.

During the two and a half years that this class has been in existence but twelve pupils have applied for lessons, yet the lessons have been regularly given, as two or three members of the class, who have been good and faithful students, warranted the continuation of the work.

Several months ago, the importance of the work was brought to the notice of Dr. Sewall, and he made the lip-reading class a part of the Otological Department, under its control, and in consequence it is hoped that the scope of the work will extend, as lip-reading is a first aid and not a last resort for the deafened adult, no matter how slight the impairment of hearing may be.

We look to the Social Service Department of the Medical School and the Stanford Clinics Auxiliary for coöperation, trusting that all deafened adults who pass through these departments will be urged to take up the study of lip-reading. With this coöperation in view we have submitted to the Social Service Department data regarding occupational work for the deaf, consisting of a list of occupations wherein the deaf have "made good," and proved the equal of the hearing worker. The problem of remunerative employment for the deafened adult is a vital one, and deserves the greatest attention on the part of all social workers.

The Philocophus Club, the officers and active members of which are deafened adults, looks out for the social welfare of the members of the Stanford Clinic Lip-reading Class, and gives them a pleasant afternoon once a month.

CLINIC OF OPHTHALMOLOGY

Dr. Albert B. McKee.....Chief of Clinic

ASSISTANTS

Dr. Hans Barkan

Dr. V. d'Ercole

Dr. Wilber F. Swett

Dr. Otto Barkan

Dr. H. W. Dudley

John H. BrunningsOptician

	Old	New	Refer and Transfer	Hospital
September, 1921.....	226	68	74	4
October, 1921.....	149	88	104	7
November, 1921.....	336	102	61	0
December, 1921.....	296	102	33	0
January, 1922.....	323	108	77	0
February, 1922.....	316	83	43	3
March, 1922.....	392	117	89	3
April, 1922.....	290	140	82	2
May, 1922.....	320	118	81	2
June, 1922.....	440	120	51	9
July, 1922.....	384	103	80	4
August, 1922.....	532	137	137	5
Total	4,004	1,286	912	39
		1920-1921	1921-1922	
New patients		1,029	1,286	
Old patients		3,924	4,004	
Transfer and refers.....		782	912	
Total per year.....		5,734	6,202	

DIVISION OF OBSTETRICS AND GYNECOLOGY

1921-1922

WOMEN'S CLINIC

Dr. A. B. Spalding.....Executive
 Dr. L. A. Emge.....Executive, Summer Quarter

STAFF

Dr. A. V. Pettit.....Chief of Clinic

ASSISTANTS

Dr. H. E. Clay	Dr. A. L. Munger
Dr. H. W. Gibbons	Dr. K. L. Schaupp
Dr. P. N. Jacobson	Dr. H. A. Stephenson
Dr. L. Michelson	Dr. W. E. Stevens
Dr. C. B. Moore	Dr. H. von Geldern

NURSES IN CLINIC

Miss R. Cook	Miss A. Whitton	Miss M. Wolford
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SECRETARY AND SOCIAL WORKER

Miss M. Greninger

VOLUNTEER WORKERS

Miss E. Briesen	Miss Pringle
Mrs. H. Durbrow	Mrs. M. Robbins
Mrs. A. Fisher	Mrs. R. Thayer
Miss V. Lilienthal	Mrs. C. Tobin
Miss Meyer	Miss Wepper
	Mrs. H. Wolff

STATISTICS

Number of visits of old patients.....	6,065
Number of new patients—	
Obstetrical	303
Gynecological	765
	1,068
Number of refers and transfers from other clinics.....	343
Number of patients confined at home.....	87
	<hr/>
Total	7,563
Number of patients sent to Lane Hospital.....	578

The experience of the past year has again demonstrated the fact that there is a most urgent need for the proper endowment of the

obstetrical ward. The continued high cost of supplies and service and the diminishing number of patients who can afford to pay for hospital care has caused a falling off in the number of confinements needed for teaching the staff and students. The present charge of \$3 per day is less than half of the actual cost for the care of the patients. Eleven years ago, the free bed account furnished \$2,000 for the care of free obstetrical patients. At that time the charge per patient was \$1.50 per day. In spite of the greatly increased cost and the doubling of the daily charge to the patients, there has been no increase in the free bed budget. This necessitates the admitting of a much smaller number of obstetrical patients for teaching purposes.

During the year, Mr. Peter C. Brice has contributed \$1,000 towards the free bed account and Mr. Mortimore R. Proctor has contributed \$100 for the care of toxic patients admitted for the study of kidney function. An endowment of \$250,000 is needed for the care of patients in the present obstetrical ward and if a new women's hospital were to be seriously considered, an endowment of at least \$1,000,000 would be needed.

HOSPITAL SERVICE

OPERATION CLINICS IN GYNECOLOGY

Tuesday, 1:30 p.m. Wednesday, 10 a.m Friday, 1:30 p.m.

STAFF

Dr. A. B. Spalding.....Chief
Dr. L. A. Emge.....Assistant (Chief, Summer Quarter)
Dr. A. V. Pettit.....Assistant
Dr. W. E. Stevens.....Assistant Urology
Dr. L. Michelson.....Assistant Urology
Dr. Hans von Geldern.....Resident

STATISTICS

Number of confinements	224
Spontaneous	179
Operative	45
Observation cases	17
Total admissions to Obstetrical Ward.....	241
Number of gynecological operations.....	197
Major	98
Minor	88
Cystoscopic	11
Number of radium treatments.....	38

Observation cases.....	102
Direct admissions to Gynecological Ward.....	283
Transfers from other wards.....	53
Reoperations	1
Total admissions to Gynecological Ward.....	337
Total	578

OPERATIONS ON PREGNANT PATIENTS

(Including Postpartum, Postabortion and Ectopic Pregnancies)

Abortions, induction of.....	8
Adhesions, freeing of.....	1
Appendectomy	4
Breech Extractions	9
Caesarean Section	6
Cauterization of cervix 4, Skene's Glands.....	2
Cervix, dilatation of.....	35
Colporrhaphy, Anterior	1
Curettage	19
Cystectomy, ovary	1
Episiotomy	10
Excision of verruca	2
Forceps, high	1
Forceps, low	25
Forceps, mid.....	8
Herniotomy	1
Hysterectomy, Abdominal, supra-vaginal	4
Hysterotomy, Abdominal	2
Incision of abscess of Bartholin's Gland.....	2
Incision of abscess of breast.....	1
Labor induced	18
Laparotomy	16
Myomectomy	1
Occiput Rotation, Scanzoni 5, Manual 1.....	6
Oophorectomy	3
Perineorrhaphy, Multip	28
Perineorrhaphy, Primip	67
Placenta or Membranes, Manual extractions of.....	10
Repair of sphincter ani.....	1
Resection of abdominal scar.....	1
Salpingectomy	5
Sterilization induced	3

Suspension of uterus	1
Trachelorrhaphy	17
Version	2

OPERATIONS ON NON-PREGNANT PATIENTS

Adhesions, freeing of	9
Amputation of cervix	36
Anus, dilatation of.....	6
Appendectomy	35
Cauterization of cervix 23, Skene's Glands 20.....	43
Cervix, dilatation of	61
Cholecystectomy	1
Colporrhaphy, Anterior	31
Colpotomy	2
Curettage	58
Cystectomy, ovary 3; Bartholin's Gland, 3; Hydatids of Morgagni, 1; vagina, 1.....	8
Enterrhoraphy, small intestine.....	1
Episiotomy	1
Excision of Abdominal scar.....	4
Bartholin's Gland.....	7
Caruncle urethra	1
Coccyx	1
Cervical polyp	1
Cervical tissue	8
Tumor of cervix, 1; omentum, 1; ovary, 1.....	3
Uterine polyp	1
Hemorrhoidectomy	3
Hysterectomy, Abdominal (complete)	17
Hysterectomy, Abdominal (supravaginal)	20
Hysterectomy, Vaginal (complete)	6
Hysterectomy, Vaginal (supravaginal)	1
Hysteropexy, Abdominal	1
Hysteropexy, Vaginal	2
Hysterotomy, Vaginal	1
Incision of Abscess of Montgomery Glands.....	1
Abscess of breast	3
Cyst of ovary	3
Hematoma of ovary.....	1
Laparotomy	73
Myomectomy	1
Nephrectomy	1
Oophorectomy	29

Paracentesis	1
Perineorrhaphy	30
Perineotomy	2
Proctopexy	14
Repair of bladder sphincter	3
Repair of sphincter ani	2
Resection of intestines	1
Sacruterine shortening	26
Salpingectomy	30
Sterilization induced	3
Suspension of uterus	28
Trachelorrhaphy	17
Transplantation of ovary	12
Ureterotomy	1
Ureterorrhaphy	1

LABORATORY

Dr. A. B. Spalding	Chief
Dr. L. A. Emge	Assistant (Chief, Summer Quarter)
Dr. A. L. Munger	Assistant
Dr. A. V. Pettit	Assistant
Dr. H. A. Stephenson	Assistant
Miss G. Boyer	Technician

PATHOLOGY

Abortus	7
Abscess, tubo ovarian	6
Adenocarcinoma of cervix	1
Adenocarcinoma of uterus	3
Adenoma of endometrium	4
Adenoma of cervix	2
Adenomyoma fallopian tube.....	1
Adenomyoma of uterus.....	3
Appendicitis, chronic	38
Appendicitis, subacute	3
Carcinoma of cervix	14
Carcinoma of ovary	1
Carcinoma of omentum	2
Carcinoma of uterus	4
Carcinoma of vagina.....	1
Caruncle, urethra	3
Cervicitis, chronic	121
Cervicitis, acute	7

Cervix, cystic degeneration of.....	35
Cervix, erosion of.....	37
Cervix, hypertrophy of	18
Cholethiasis	2
Cyst of Bartholin's Glands	3
Cyst of Corpus Luteum	8
Cyst of ovary	16
Cyst of vagina	1
Cyst of peritoneum	1
Endarteritis of ovary	1
Endarteritis of placenta	3
Endometritis, acute	10
Endometritis, chronic	64
Endometrium, atrophy of.....	5
Endometrium, glandular hyperplasia	14
Endometrium, glandular hypertrophy	10
Fibroma of cervix	1
Fibro-sarcoma of uterus	1
Granuloma of cervix.....	3
Glanuloma of vagina	1
Hydatiform mole	3
Infarct kidney	1
Infarct placenta, red.....	3
Infarct placenta, white	17
Infection of Bartholin's Glands	4
Infection of Chorion	2
Infection of decidua	20
Infection of parametrium	1
Infection of peritoneum	1
Infection of placenta	16
Infection of Skene's Glands	1
Infection of spleen	1
Infection of umbilical cord	3
Metritis, acute	2
Metritis, chronic	17
Myoma uteri	27
Necorsis of liver	1
Oophoritis, chronic	22
Oophoritis, subacute	1
Ovary, cystic degeneration of.....	2
Polypus cervical	17
Polypus uteri	5

Polypus vulva	1
Pregnancy, extra-uterine	1
Pyelonephritis	1
Salpingitis, acute	7
Salpingitis, chronic	33
Sarcoma of uterus	2
Syphilis of cord	9
Syphilis of placenta	12
Tuberculosis of granulation tissue from abdominal sinus.....	1
Urethritis, chronic	1
Uterus, hypertrophy of.....	3
Vaginitis, chronic	1

MORTALITY

MATERNAL—PREGNANT PATIENTS

Toxaemia	1
Shock following abortion	1

FOETAL—PREGNANT PATIENTS

Abortions	25
Ectopic gestation	4
Intrapartum	1
In utero	6
	—
	36

MATERNAL—NON-PREGNANT PATIENTS

Cardiac decompensation	1
Inoperable carcinoma	2
Peritonitis	1
Pneumonia	1
Pyonephrosis	1
Sarcoma	1
Shock	2
Subdiaphragmatic abscess, empyema	1
	—
	10

PALO ALTO HOSPITAL

Churchill and Cowper Streets
Palo Alto, California

This hospital having a capacity of about forty beds is owned by the City of Palo Alto but is conducted as general hospital by Stanford University. The status of this hospital is unique inasmuch as the City of Palo Alto by bond issue acquired possession in order to insure an accessible and well conducted hospital for the convenience of its citizens. No provisions or plans for charity work. It is expected, however, that in time the hospital will be developed into a center capable of meeting all the community health needs.

During the summer a course in Nursing Education given at Stanford University by Miss Helen Wood, the hospital was used for the courses in practical demonstrations of nursing procedures.

HOSPITAL STAFF

George B. Somers, M.D.....	Physician Superintendent
Mrs. M. E. Barry	Assistant Superintendent
Mrs. Singleton.....	Head Surgical Nurse
Dr. Robert F. Powers.....	Director X-Ray Laboratory
Miss Virginia Kelly.....	Director Clinical Laboratory
Miss Imogene Calderwood	Dietitian

VISITING STAFF

The members of the Palo Alto Medical Society form the visiting staff of the hospital.

HOSPITAL STATISTICS

Patients year ending June 30, 1922.....	1,289
Residents Palo Alto.....	914
Non-Residents	375
Students Guild	361
Men	719
Women	570
Births	97
Deaths	32
Patient Days	6,327
Daily average number patients.....	171 $\frac{1}{3}$
Income per patient per day.....	\$7.55
Cost per patient per day.....	7.46

Cost per patient day, excluding alterations and added equipment	7.08
Per cent occupancy rooms.....	.63
Per cent occupancy wards.....	.57

X-RAY LABORATORY

DirectorDr. Robert A. Powers

This department was organized October 11, 1921. The equipment consists of:

- 1 Victor Snook transformer
- 1 Rieber Roentgenoscope
- 1 Bedside unit

The Victor Snook transformer has been recently replaced by the large International Precision type of apparatus.

The present equipment is adequate for every purpose except the new deep therapy.

Work performed from date of opening to September 1, 1922:

Number of patients	367
Number of visits	479
Radiographs	1,092
Dental radiographs	509
Total radiographs	1,601
Fluoroscopic examinations.....	190
Treatments	24
Total units of service.....	1,869

CLINICAL LABORATORY

Miss Virginia KellyTechnician

Work done from opening of Laboratory, October 1, 1921, to end of fiscal year, September 1, 1922:

Blood counts, complete.....	6
white and differential	36
white	14
red and hgb.....	1
Blood cultures	2
Cultures from exudates	14
Fæces, examined for occult blood.....	8
Fæces, examined for parasites.....	2
Fæces, examined for pus.....	1
Gastric contents, uteation of acids.....	1

Milk, butter fat.....	5
Milk, butter fat and solids.....	1
Smears, examined for gonococcus	2
Smears, examined for Vincent's angina.....	1
Sputum, examined for tuberculosis and other bacteria.....	18
Throat cultures examined for diphtheria.....	215
Urine, routine examination	173
Urine, acetone	2
Urine, albumen	1
Vaccines	3
Widal tests	5

THE STANFORD CLINICS AUXILIARY AND SAN FRANCISCO MATERNITY

DIRECTORS FOR 1921-22

MRS. TIMOTHY HOPKINS, <i>President</i>	Menlo Park
MRS. HENRY ST. GOAR, <i>1st Vice-President</i>	2025 California St., S. F.
MRS. WILLIAM BREEZE, <i>2d Vice-President</i>	2522 Green St., S. F.
MRS. MELVILLE SCHWEITZER, <i>Recording Secretary</i>	145 Laurel St., S. F.
MRS. W. P. FULLER, <i>Corresponding Secretary</i>	Burlingame
MRS. HAROLD K. FABER, <i>Treasurer</i>	3300 Clay St., S. F.

Mrs. W. W. Boardman.....	37 Walnut St., S. F.
Mrs. George Forderer.....	90 West Clay Park, S. F.
Mrs. A. W. Hewlett.....	2442 Union St., S. F.
Dr. William Ophüls.....	114 Walnut St., S. F.
Mrs. Karl Schaupp.....	437 Lake St., S. F.
Mrs. Edwin Sheldon.....	1899 Calif. St., S. F.
Mrs. Walter P. Treat.....	2901 Pacific Ave., S. F.
Mrs. William B. Weir.....	2090 Jackson St., S. F.
Dr. Ray Lyman Wilbur.....	Stanford University
Mrs. Alex McCracken.....	1300 Sacramento St., S. F.
Mrs. Leon Roos.....	3500 Jackson St., S. F.

ADVISORY BOARD

Mrs. F. W. Bradley.....	2716 Pacific Ave., S. F.
Mrs. Edwin S. Breyfogle.....	251 Waverley St., Palo Alto
Mrs. Bruce Cornwall.....	207 Cherry St., S. F.
Mrs. W. S. Davis.....	Ross, Marin County
Mrs. E. C. Dickson.....	2304 Divisadero St., S. F.
Mrs. Arthur Eloesser.....	7 Presidio Ave., S. F.
Mrs. Edward L. Eyre.....	2112 Pacific Ave., S. F.
Mrs. Paul Fagan.....	2213 Buchanan St., S. F.
Mrs. A. G. C. Hahn.....	Menlo Park
Mrs. Otis Johnson.....	2559 Union St., S. F.
Mrs. Donald Macdonald.....	22 Twenty-second Ave., S. F.
Mrs. J. D. McKee.....	3456 Washington St., S. F.
Mrs. W. D. Nielson.....	Fairmont Hotel, S. F.
Mrs. E. Rixford.....	1795 California St., S. F.
Mrs. M. R. Robbins.....	2060 Jackson St., S. F.
Mrs. W. T. Sesnon.....	2527 Divisadero St., S. F.

Mrs. G. B. Somers.....	2662 Vallejo St., S. F.
Mrs. H. A. Stephenson.....	Colonial Hotel, S. F.
Mrs. Margaret Thomas.....	1020 Bryant St., Palo Alto
Mrs. Cyril Tobin.....	Burlingame
Mrs. Edward A. Van Bergen.....	1800 Franklin St., S. F.
Mrs. Ray Lyman Wilbur.....	Stanford University
Mrs. Henry Wolff.....	2222 Sacramento St., S. F.

STATEMENT OF THE OBJECTS OF THE AUXILIARY

The purpose of the Auxiliary is to assist the poor and needy and encourage the sick; to assist in the care of patients in the clinics of the Stanford University Hospitals, both within and without the hospital, and particularly in the care of poor women during confinement; and to organize and conduct adequate social service for the Stanford Clinics and hospitals. The staff see that patients return regularly for treatment, bring to the clinics other members of the family who may require attention, and improve home conditions so that medical service may be more effective.

Thus the Auxiliary supplements the labor of the physicians, with whom there must always be close coöperation, and in the preventative character of its efforts both reduces the dangers of the spreading of disease and lessens the calls upon charity by restoring health to the sick and self-respect to the weak.

To accomplish these ends there are employed a head and an assistant social worker and special workers in the Women's, the Children's, and the Medical Clinics. In addition to their duties in the clinics, home visits are made by them and by the nurse in the Children's Clinic, the latter paying especial attention to infant cases and giving proper advice to the parents of sick children who need care.

In its maternity work the Auxiliary counsels prospective mothers, provides a physician and a nurse for out-patient confinements and arranges for such patients in the hospital.

For all patients who go from the clinics to Lane Hospital the social worker makes all business arrangements with the hospital, follows the patients into the wards, and assists them in every way possible to smooth out difficulties connected with their personal affairs, and, when they leave the hospital, looks after their continued welfare and gives financial aid when necessary.

The consistent aim of this phase of the work is always to encourage the patients to regain their proper places in the community by their own efforts.

The Auxiliary is incorporated to hold and manage a fund or funds raised by subscription or bequests, the income from which is devoted to the purposes of the organization.

ANNUAL REPORT OF THE PRESIDENT

It is a year since we were fortunate enough to bring Miss Marguerite Wales into association with our work as Social Service Director. Miss Wales, with every qualification of education and training, with boundless enthusiasm, has carried on helpfully from every point of view the complex situations and problems that arise daily. I am sure that I voice the sentiment of the whole Board in expressing appreciation of her conscientious and successful devotion to our affairs.

Our greatest financial activity has been our annual sale of Christmas cards to raise the necessary funds for the expenses of the Auxiliary. Each succeeding effort has produced a better grade of cards, the receipts have been slightly increased, and we trust that we may be able in the years to come to cover an extended field with larger returns.

The Christmas tree festivities were unusually well attended and we had more children and happier faces than I can recall on any previous occasion. The Junior League were of material assistance to us in bringing Christmas cheer to all the clinical wards.

Among the number of new lines of interest established has been that of the Grateful Patient Fund, the contributions to which are expended by our Social Service Director for the purchase of braces and expensive apparatus for patients unable to pay for such necessities when prescribed by the doctors. We have started Occupational Therapy on a small scale, which we have been and are anxious, as our means will permit, to develop as a department, and hope for further advancement in this helpful aid to the unfortunate. A circulating library for the patients in the clinical wards has been formed and conducted by one of the valued members of our Board, and has succeeded beyond all expectations in its results of comfort and happiness to the sick and lonely.

Time and experience in such work as ours make our vision clearer and more definite; and, while encouraged by the marked progress we have made during the year, I feel that the period has been only a formative one, and that we must look to the future for a full realization of our ideals.

I urge the increasing of memberships in the Auxiliary and likewise of our volunteers. The ladies who have so disinterestedly given their services as volunteers have proven themselves such wonderful assistants in the clinics that they have greatly enhanced the value of our work.

Although we have good material, there is a dearth of properly trained Public Health and Social Service workers. It would fill a great need in these growing fields of service and be the fulfilling of a duty to the public if we could utilize our facilities in the education of this class of students as a Stanford and an Auxiliary contribution to the public welfare.

Each year brings its own problems, but with the support of the Board and the Advisory Board, both of which have been faithful in service and loyalty, I hope for many betterments and advances toward a greater success than the past. We all appreciate that in union there is strength, and that the efforts of all are needed to achieve the best results.

I hope that the Board has enjoyed the year of work and service as much as I have mine with them.

MRS. TIMOTHY HOPKINS, *President.*

REPORT OF THE SOCIAL SERVICE DEPARTMENT

SOCIAL SERVICE STAFF

Miss Marguerite A. Wales, A. B., R. N.....	Director
Mrs. Angela Robinson.....	Assistant
Miss Roberta Cook, R. N.....	Social Worker, Women's Clinic
Miss Margaret Wolford, R. N. (1921-22).....	
.....	Social Worker, Women's Clinic
Miss Alice Whitten, R. N. (1922-....).....	Social Worker, Women's Clinic
Miss Miriam Greninger.....	Assistant, Women's Clinic
Miss Lillie A. Lindsay, A. B., R. N. (1921-1922).....	
.....	Social Worker, Children's Clinic
Miss Eleanor Dellow, R. N., (1922-....).....	
.....	Social Worker, Children's Clinic
Miss Margaret Gowan, R. N., (Bd. of Health).....	
.....	Social Worker, Chest Clinic
Miss Clara Saunders, R. N. (Bd. of Health).....	
.....	Social Worker, Chest Clinic
Miss Rhoda Mills.....	Skin Clinic

STUDENT NURSES

Miss Florence Webb	Miss Haworth
Miss Ruth Jacobs	Miss Francis Freidel

VOLUNTEERS

WOMEN'S CLINIC

Mrs. Clement Arnold	Miss Marie L. Meyer
Miss Elsie Briesen	Miss Frances Pringle
Miss Vivien Lillienthal	Mrs. M. R. Robbins
Mrs. John H. Mee	Mrs. Rufus Thayer
	Mrs. Henry Wolff

SURGICAL CLINIC

Miss Eleanor Burbank	Miss Grace O'Brien
Miss Corona Ghirardelli	Mrs. Mary Schuyler
Miss Helen Skelly	

SKIN CLINIC

Mrs. Grace G. Hovey

LIBRARY

Mrs. Robert Coleman	Mrs. Marshall Madison
Mrs. Melville Schweitzer	

OCCUPATIONAL THERAPY

Miss Mary Boardman	Miss Milward Holden
Mrs. Lucile Mannoccie	

NOSE AND THROAT CLINIC

Miss Mary Baruch	Miss Irma Taylor
Miss Eleanor Humphreys	Mrs. Rufus Thayer

MEDICAL CLINIC

Mrs. Lloyd Ackerman	Miss Marie L. Meyer
Miss Elsie Briesen	Miss Irma Taylor

NEUROLOGICAL CLINIC

Mrs. Eugenie Boselly

CHILDREN'S CLINIC

Miss Katherine Bentley	Miss Marjorie Newman
Miss Velma Bercovich	Mrs. M. R. Robbins
Mrs. George Bowles	Miss Isabel Sweeney
Miss Margaret Buckbee	Miss Alice Schussler
Mrs. W. Dearborn Clark	Miss Irma Taylor
Miss Delight Curtaz	Miss Eltrude Wagner
Mrs. Paul Fagan	Miss Pauline Wheeler
Miss Eleanor Humphreys	Miss Louise Wildberg
Miss Edith Kynnersley	Mrs. Henry Wolff
Miss Germaine Levy	Miss Florence Workheim

SOCIAL SERVICE OFFICE

Mrs. Arthur Fisher	Miss Marie L. Meyer
Mrs. Grace Hovey	Mrs. Henry St. Goar

VOLUNTEER MEDICAL STUDENTS

Emilie Anderson	Franklin Gobar
Tholow Binkley	Frances Klingberg
Paul Brust	Roland Seitz

MOTOR CORPS

Mrs. W. W. Boardman	Mrs. Leon Roos
Miss Geraldine Dewey	Mrs. M. R. Robbins
Mrs. Walter Franklin	Mrs. E. R. Sheldon
Mrs. W. A. Haas	Mrs. George Somers
Miss Blanche Heiley	Mrs. E. B. Towne
Mrs. W. S. Heller	Miss Emilie Tubbs
Mrs. William Weir	

STATISTICAL

September, 1921, to August 31, 1922

Social Service interviews	7,662
Clinic interviews (Children's, Medical, Skin, and Women's).....	18,018
Patients sent to hospital (regular rates).....	3,261
Patients given free hospital care (Social Service Bud.).....	468
Patients given free medicine, X-Ray, Wasserman, etc.....	2,684
Patients sent to San Francisco Hospital.....	377
Patients referred to outside agencies.....	96
Social visits to home, including all departments.....	3,839
Bedside visits.....daily throughout the wards	
Letters written	5,422
Children sent to Stanford Home for Convalescent Children (average stay, one month).....	116
<i>Clinic</i>	<i>New Cases</i> <i>Old Cases</i> <i>Total</i>
General Surgical	1,166.....6,323.....7,489
General Medical	1,627.....9,198.....10,825
General Children's	2,001.....6,389.....8,390
Dental	1,191.....1,359.....2,550
Chest	96.....1,625.....1,721
Eye	1,378.....4,321.....5,699
Neurological and Mental.....	723.....11,049.....11,772
Ear, Nose and Throat.....	1,539.....9,026.....10,565
Skin	722.....8,475.....9,197
Orthopedic	522.....2,378.....2,900
Women's	1,174.....6,552.....7,726
Men's	718.....12,675.....13,393
Totals.....	12,857.....79,370.....92,227

IN GENERAL

Medical Social work is so largely coöperative,—depending upon the teamwork of other organizations and individuals to carry through the plans for rehabilitation of a patient or family,—that a yearly report of our work involves an acknowledgement of the splendid work of others.

We must express our appreciaton of the growing understanding, on the part of clinical and hospital staff, of the fact that we are here to make their work more effective. This is shown by our increasing opportunities to assist in the care of their patients.

To workers of other organizations who have assisted in caring for the families of patients in the hospital, and who have worked with us over some knotty social problem, we are especially grateful. Mention also is made of the generous contribution of garments from the Needlework Guild; of the baby garments made by the Edgewood Neighborhood Club; of the gifts of food from the Fruit and Flower Mission; and the assistance rendered special patients by the Doctors' Daughters.

Our Christmas party,—which this year gave happiness to over 500 children,—would have fallen short of expectation had it not been for the generous gifts of many friends of the Stanford Clinic children. Christmas was made more cheery for the ward patients this year by the Junior League members who trimmed trees and distributed gifts through the hospital.

Through the kindness of Dr. Adelaide Brown, who provided the tuition fee, a member of our staff was able to attend the course on Nutrition Class Methods given in San Francisco by Dr. Wm. R. P. Emerson of Boston.

The work of the Maternity Department has been made more effective during the past year by an additional worker, a visiting nurse, provided by the Medical School and Hospital.

So much of the hospital social service must be done by mail,—making arrangements for out-of-town patients, giving medical reports to other agencies, etc.,—that it was found necessary to add a half-time secretary to our staff.

Unfortunately the State Board of Social Hygiene withdrew its share of the salary for the worker in the Skin Clinic, and we now have only a half-time worker there, the home visiting being done by workers in other departments.

That the public might know something of the work being done at the Stanford Clinics and San Francisco Maternity, an exhibit was prepared in conjunction with the University of California Hospital for the Industrial Exposition held at the Auditorium in October and November.

Two staff members were able to attend the State Medical Convention in Yosemite, where the Medical Social Workers held their first meeting.

Grateful Patient Fund

Some time ago a patient who had been treated at the Stanford Clinics came to us and said he felt so grateful for all that had been done for him that now, since he was able to go back to work, he wanted to make a small donation to help some one else get on his feet. Other

such gifts have since been received, and gradually there has grown up "The Grateful Patient Fund," to be used for patients unable to pay the clinic charge for treatments, braces, and the like. The Auxiliary Board, hearing this, remembered that they too were grateful patients, and one member donated an appropriately marked box into which the members of the Auxiliary, clinic patients, and even some of our physicians slipped tokens of gratitude for "services rendered;" for are we not *all* "grateful patients" if we stop to think?

Volunteers

Volunteers have become so important a factor in our social service work that it was deemed advisable to organize them into a permanent body, thus tightening the link between hospital and Auxiliary. The volunteers act as clinic secretaries, registering and directing patients to proper physicians, weighing and measuring children, taking temperatures, charting and assisting in taking histories in the clinics, and some act as librarians in the hospital. Only really conscientious volunteers who had served three months or more were considered eligible for the organization.

At the first meeting the organization was given the name of "Volunteer Workers of the Stanford Clinics Auxiliary," and the following officers were elected:

President: Miss Edith Kynnersley
Vice-President: Mrs. Herman Phleger
Secretary: Miss Germaine Levy
Treasurer: Miss Delight Curtaz

In May the volunteers held a rummage sale, to give the clinic patients an opportunity to pay a small amount for things they might select. It was voted to use the funds from these rummage sales for occupational therapy work. Donations to the clinics are always appreciated.

Medical Student Volunteers

A number of the Medical School students have registered as volunteers with the Social Service Department. They make emergency calls upon patients who are too ill to come to the clinic. The student looks up the patient's history, visits the home, makes recommendations, and consults with the Chief of the Clinic and reports to the Social Service Director. If a patient needs hospital care, he arranges for it. This volunteer work is of great help to the Social Service Department, and gives the student opportunity to observe the home conditions of patients he sees in the clinics.

Work in the Hospital Wards

A member of the Social Service Department visits the wards daily to arrange for patients who are being discharged from the hospital to go home or to be transferred to other institutions. If necessary, the patient is accompanied or a car is provided through our Volunteer Motor Corps. Every patient is given a discharge slip telling him which clinic to report to, and when. A duplicate of this slip is sent to Social Service for follow-up. For out-of-town cases, a letter with medical report is sent to the patient's own physician.

During the past year a bookcase has been built on the main floor of the hospital, for which several hundred books have already been donated. The volunteers distribute these books through the wards several times a week. Some patients read a number of books during convalescence.

A beautiful victrola with fifty records was recently presented by Mrs. Henry St. Goar, in memory of her late husband, who was a lover of music. The victrola is carried about to all clinic wards, and it is a joy to see the patients' faces light up when it appears. Donations of records are acceptable at any time at the Social Service Office.

The Occupational Therapy work, begun early last fall under volunteers, is proving a great help to patients confined to the hospital for long convalescence. To continue this work it will be necessary to engage a paid worker, and we hope to secure funds for this purpose.

MARGUERITE A. WALES, R. N., *Director.*

ANGELA STORTI ROBINSON, *Assistant.*

REPORT OF CHILDREN'S AND WELL-BABY CLINIC WORKERS

In the Children's Clinic the children have their weights, measurements, and temperatures taken; they are then examined by a physician, and given advice. Those who are ten per cent or more underweight are enrolled in the Nutrition Class. This class is one of the most stimulating of recent undertakings. Here each child receives instruction in proper diet and hygienic habits; his name is entered on a large, individual chart, together with his weight at the time of entering and the normal weight for his age and height, and from week to week his gain or loss is graphically recorded. The charts are distributed along the wall, and the children compete in the endeavor to "go over the top" (approximate their normal weights). The physician in charge stimulates their endeavors by comparisons, and the volunteer workers increase competition by offering prizes. Mothers are encouraged to visit the class. The aim in this work is to make hygienic habits and healthful diet appeal-

ing to mothers and children. When a child "goes over the top" he receives a Graduating Certificate signed by the physician. Those who drop out before "going over" are followed up by mail, and by personal visit from the social service worker. Posture classes, for children needing corrective exercises, are supervised by the Orthopedic Department.

To the Well-Baby Clinic there are brought every week about fifty or sixty babies. They are weighed by volunteer workers, under the direction of a nurse, and then examined by a physician, who also advises the mother regarding the care of the child. If any sign of illness is found, the child is referred at once to the Children's Clinic for treatment. All children with luetic infections are treated in the Children's Clinic. The social service nurse follows the children and babies into their homes, giving advise to the mothers on all matters of health.

Health talks, and individual instructions for feeding, given by the physician, are special features of this clinic.

Another important item in the care of children is convalescence. At our Convalescent Home—the large comfortable house and generous, sunny tract of land of the Stanford Estate near Palo Alto—we are able to carry a considerable number of children through a delicate period of convalescence. Children between the ages of four and twelve, physically in need of convalescent treatment, are sent to the Home. They are carefully selected, and their homes visited and inspected, to see that they carry no disease which might jeopardize the health of the others. Two weeks is the usual time allotted, but longer periods are granted when needed. Children from all charitable institutions in this section of the country are eligible, and are cared for free of charge. Application can be made through the Social Service Department of the Stanford Clinics.

During the past summer there was established a special ward for bed patients, with a graduate nurse in charge. This, we hope, will lead to a special unit.

The Convalescent Home is maintained by private subscription entirely.

LILLIE A. LINDSAY, R. N.

ELEANOR DELLOW, R. N.

REPORT OF PRENATAL AND MATERNITY CLINIC WORKERS

A Prenatal Class, for patients visiting the clinic, is conducted every Wednesday afternoon (Maternity Day). With a Chase doll—infant weight and size—and a complete layette, the social service nurse demon-

strates each detail of bathing, dressing, and feeding the baby. Upon request she also explains how to cut and make garments. This educational feature of prenatal work breaks pleasantly into what has hitherto been a long, tedious wait, and enables the nurse to tell the group of mothers much that the busy physician cannot explain individually. This course is supplemented by instruction in the home. After a lapse of time sufficient for the preparation of the necessary articles for mother and baby, the social service nurse calls at the home to inspect and advise. The mothers await the nurse's coming, eager to exhibit their new acquisitions.

Every maternity patient is urged to visit the clinic to see the physician once a month up to the seventh month, and every two weeks thereafter, except in cases of toxemia, where weekly visits are recommended, and instruction given in diet and care. If any abnormal condition exists, or if hospital care is advised or desired, arrangements are made for admission to the hospital. This clinic has two wards, one a pay ward at Lane Hospital, and the other a free ward at San Francisco, for those unable to pay. We have also a special fund which enables us to place a limited number of more critical cases in Lane Hospital. Normal cases are delivered at home by the visiting doctors, assisted by social service nurses.

Post-partum care is given by the visiting social service nurses. Home care and instruction are continued until mother and baby are well. The mother is then urged to take her infant regularly to the Well-Baby Clinic, where it is weighed and examined. All maternity cases in the Stanford ward of the San Francisco Hospital are referred back to the Lane Clinic for post-partum care and follow-up; the babies are referred to the Well-Baby Clinic.

Patients with positive Wasserman reports are referred to the Skin Clinic. Follow-up work is continued, and every effort is made to have the patient carry on the treatments so essential to the life and health of the coming baby.

Cases of unmarried mothers are referred to the Associated Charities Worker.

ROBERTA COOK, R. N.

MARGARET WOLFORD, R. N.

ALICE WHITTEN, R. N.

REPORT OF SOCIAL HYGIENE WORKER

The Skin Clinic, for the treatment of luetic patients, imposes a three-fold task upon the Social Service worker: (1) to educate the patient up to his responsibility; (2) to establish bonds of friendship

and coöperation between patient and clinic; (3) to maintain an adequate follow-up system.

It is important that every patient should know how seriously his condition affects himself, his family, and the community. The family of a leutic patient should know of the condition, and every member be urged to report to the clinic for a Wasserman test. During the past year 6961 treatments were given to men and 5087 to women (including children). The course of treatment is adjusted to meet the needs of the individual case, and usually extends over a period of two or three years. The Chief of the Clinic testifies that without the follow-up work of the Social Service Department most of these patients would drop out long before the treatment was completed. Where the worker is able to convince the patient of his responsibility early in the course of treatment, there is as a rule no great difficulty in securing attendance; but many patients, after a few treatments, are so much improved they feel further treatment unnecessary. Such cases require steady and tireless follow-up and personal encouragement. The worker with luetics must at all times practice the utmost care and tact. She must be able to make the patient understand that she is interested in his case, and that the nature of his trouble will not be divulged.

A night clinic, for persons employed during the day, was opened April 1, 1922. The success of this clinic is evidenced by the fact that 415 treatments have been given in the four and a half months. The patients themselves appreciate the opportunity to receive treatment at a time convenient to them.

The Skin Clinic coöperates closely with the State Board of Health. Every patient is given a number immediately after diagnosis, and this number is reported to the Board.

RHODA MILLS.

REPORT OF CHEST CLINIC WORKERS

In the Stanford Chest Clinic during the past year many new cases have been treated and contacts in family examined with especial reference to children. Clinic is held for adults on Monday and Thursday, and for children on Saturday. Many of the children belong to the Modern Health Crusade. They are required to pursue daily "chores" (hygienic routine), and as a result of faithful performance many show marked physical improvement. A gold medal is awarded as an incentive to constant attendance.

Follow-up visits in the homes are made by nurses of the San Francisco Department of Public Health. Since hygienic living is so essential

in the treatment of tuberculosis, supervision of the homes is important. Patients are taught the value of rest, fresh air, and good, nourishing food.

The nurses aim to have patients with active tuberculosis removed to a hospital particularly where there are children in the family. Many such patients received care at the San Francisco Tuberculosis Hospital last year. A few women with early tuberculosis were sent to Arequipa Sanatorium, Marin County, California. In some cases where the patients could not be persuaded to go to a hospital, the workers succeeded in placing the children in more healthful environments, where they might have a better opportunity to combat the dangers to which they had been exposed.

MARGARET GOWAN, R. N.,
CLARA SAUNDERS, R. N.,
S. F. Dept. of Public Health.

GIFTS

We wish to thank the following for their generous gifts of clothing, books, magazines, Christmas candy, toys, etc.:

Mrs. Lloyd Ackerman	Mrs. Walter S. Franklin
Dr. and Mrs. Harry Alderson	Fruit & Flower Mission
Alameda High School	D. Ghirardelli Co.
Miss Mary Baruch	Mrs. Frank R. Girard
Miss M. A. Bassett	Mrs. Ethel Glenn
Mrs. W. W. Boardman	Mrs. A. C. Green
Mrs. L. A. Braverman	Dr. Maud Haven
Mrs. William Breeze	R. C. Haas & Bros.
Miss M. Bruggerman	Mrs. A. Heyneman
Calvary Presbyterian Church	Dr. and Mrs. A. W. Hewlett
Mrs. Irwin Cary	Mrs. R. E. Hills
Castilleja School	Mrs. Frank Hooper
Miss Chelgrin	Mrs. Timothy Hopkins
Mrs. M. R. Cobb	Mrs. J. W. Howell
Mrs. Robert Coleman	Mrs. T. Hunter
Wm. Corcoran Candy Co.	Junior League
Costa Bros.	Mrs. F. Justus
Mrs. W. S. Davis	Mrs. M. S. Koshland
Mrs. Ernst Dickson	Mrs. Sidney Lawrence
The Doctors' Daughters	Dr. Mary Layman
Mrs. Marion Dodge	Mrs. John Leale
Edgewood Neighborhood Club	Mrs. Edw. Loew, Jr.
Mrs. Dunn	Mrs. McCaig
Mrs. Alexis Ehrman	Mrs. Marshall Madison
The Emporium Women Employees	Mrs. J. H. Mee
Mr. Frank English	Miss Marie Meyer
Mrs. H. K. Faber	Miss Rhoda Mills
Foster and O'Rear	Mr. Herman Morse

Needlework Guild	Miss Charlotte Sloane
Mrs. K. Neilson	Mrs. R. Speyer
Mrs. W. M. Newhall	Stanford School of Nursing
Mrs. LeRoy Nickel	Stanford University Students
Mrs. Frank Ogden	Mrs. F. W. Stephenson
Mrs. William Ophüls	Mrs. D. A. Stoddart
Dr. Ethel Owen	Mrs. E. T. Thayer
Mrs. F. E. Palmer	Mrs. E. Thompson
Palo Alto Children	Townsend Candy Store
Miss Lois Park	Mrs. Walter Treat
Mrs. Leon Roos	Mrs. William Weir
Dr. Melville Rumwell	Mrs. George Winfield
Dr. and Mrs. Karl L. Schaupp	Mr. C. B. Wing
Mrs. Melville Schweitzer	Mrs. P. R. Wilson
Dr. Charles Sebastian	Mrs. G. Wynn
Dr. Otis Sharpe	Mrs. George B. Wilcutt

MOTOR CARS LOANED

Miss Velma Berkowitz	Mrs. Henry St. Goar
Mrs. W. W. Boardman	Dr. Joseph Sampson
Mrs. William Breeze	Mrs. Edwin R. Sheldon
Mrs. E. L. Eyre	Mrs. George Somers
Dr. H. K. Faber	Mrs. E. B. Towne
Mrs. Timothy Hopkins	Miss Emilie Tubbs
Mrs. M. R. Robbins	Mrs. W. B. Weir
Mrs. Leon Roos	Mrs. Williams

LIST OF DONATIONS

August 1, 1921, to September 1, 1922

Anglo, London & Paris National Bank.....	\$ 100.00
Bank of California.....	100.00
Canton Bank	25.00
Crocker National Bank	100.00
Hibernia Bank	125.00
Mercantile Trust Company	100.00
Merchants National Bank	25.00
S. F. Savings & Loan Society	25.00
Union Trust Company	100.00
Wells Fargo Nevada National Bank.....	100.00
Yokohama Specie Bank	10.00
California Packing Corporation	25.00
City of Paris	50.00
Emporium	100.00
W. P. Fuller & Company	100.00
Hutchinson Sugar Plantation Company.....	25.00
Don Lee	25.00
Lengfeld's Pharmacy	5.00
Liebes & Company.....	25.00
I. Magnin & Company	50.00

Matson Navigation Company	25.00
Chas. E. Moore & Co.	10.00
Moore Shipbuilding Company	25.00
Nathan-Dohrmann Co.	50.00
O'Brien, Spotorno & Mitchell	10.00
Paauhau Sugar Plantation Company	25.00
Podesta & Baldocchi	10.00
Carl Raiss & Company	10.00
Roos Bros.	25.00
Shreve & Company	50.00
Shreve, Treat and Eacret	25.00
J. D. & A. B. Spreckels Securities Company.....	25.00
Standard Oil Company	50.00
White House	100.00
Doctors' Daughters	5.00
Islam Temple	25.00
Stanford Women's Board	40.00
Mr. David S. Bachman	20.00
Mr. Francis J. Baker	5.00
Mrs. Brownell	5.00
Mrs. W. R. P. Clark	2.00
Miss Cowles	20.00
Mrs. A. J. Coogan	5.00
Mrs. Templeton Crocker	10.00
Mrs. W. S. Clayton, San Jose	10.00
Mrs. J. L. Deahl (Free Bed Donation).....	5.00
Mr. Jos. A. Donohoe	25.00
Mrs. Margaret E. Dickson	2.00
Mr. J. B. F. Davis	25.00
Mrs. W. S. Davis (Free Beds).....	20.00
Mrs. Arthur Eloesser (Free Beds, \$25.00).....	35.00
Mr. George P. Fuller (Free Beds)	90.00
Mrs. H. K. Faber (Free Beds)	10.00
Mrs. W. S. Franklin (Free Beds).....	10.00
Mr. Chas. E. Green	5.00
Mr. Griffith	5.00
Dr. A. W. Hewlett (Free Beds)	25.00
Mrs. A. W. Hewlett (Free Beds, \$10)	70.00
Mrs. Timothy Hopkins (Free Beds, \$100).....	105.00
Mr. C. W. Huyer	5.00
Mrs. T. B. Hunter	25.00
Mrs. H. L. Meyer (Free Beds).....	5.00
Mr. A. C. McLaghlin	25.00
Mrs. J. Leroy Nickel	20.00
Mrs. Newton Neustadter (Free Beds).....	10.00
Mrs. E. W. Newhall	5.00
Mrs. Leon Ross (Free Beds).....	30.00
Mrs. Lurline B. Roth	50.00
Mrs. Melville Schweitzer (Free Beds)	20.00
Mrs. George B. Somers (Free Beds).....	75.00
Mrs. Henry St. Goar (Free Beds)	50.00

Mrs. J. Scheffler	5.00
Mr. R. R. Strange	25.00
Mr. Elmer E. Simmons	5.00
Dr. Otis Allen Sharpe.....	10.00
Mrs. Arthur Sharp (Free Bed Donation).....	5.00
Mrs. Hattie Simon	50.00
Mrs. Margaret Saul	3.00
Mrs. Ansley Salz	5.00
Miss Taylor (Free Beds)	5.00
Mr. Van Fleet	5.00
Mrs. Johanna Volkmann	5.00
Mrs. Louisa M. Volkmann	4.00
Mrs. A. L. Weil (Free Beds).....	10.00
Miss Ida Wehner (Free Beds)	12.00
Mrs. W. B. Weir (Free Beds)	50.00
Mrs. Lloyd Weaver	5.00
Mr. George D. Wilcutt	10.00
Cash	5.00

CHRISTMAS DONATIONS

Mrs. Breeze	5.00
Mrs. Walter Boardman	5.00
Mrs. W. S. Davis	10.00
Mr. Jas. E. Daniels	2.00
Mrs. Eloesser	5.00
Mrs. Eyre	5.00
Mrs. Cornwall	5.00
Mrs. Forderer	5.00
Mrs. Franklin	5.00
Mrs. Timothy Hopkins	5.00
Mrs. A. W. Hewlett.....	10.00
Dr. Layman	25.00
Mrs. John D. McKee	5.00
Miss Mary Niland	10.00
Mrs. Roos	5.00
Mrs. Wm. T. Sesnon	5.00
Mrs. Sheldon	5.00
Mrs. Schaupp	5.00
Mrs. Schweitzer	5.00
Mrs. T. G. Sharpe	2.50
Mrs. St. Goar	10.00
Mrs. Tobin	10.00
Mrs. Walter P. Treat	10.00
Miss Workheim	5.00
Mrs. Weir	5.00

Total\$2,942.50

STATEMENT OF RECEIPTS AND DISBURSEMENTS

August 1, 1921, to September 1, 1922

RECEIPTS

Aug. 1, 1921—Cash in Bank		\$ 1,941.92
Dues	\$ 2,855.00	
Donations—General	2,375.50	
Donations—Free Bed Fund	567.00	
Donations—Grateful Patients' Fund	119.55	
Donations—Memorial Cards	45.00	
Fees—Stanford Medical Department.....	2,815.88	
Fees—Women's Clinic	476.00	
Christmas Card Sales—Net Proceeds.....	4,309.79	
Redemption of \$4000 U. S. Treas. Ctfs.	4,000.00	
Interest from \$4000 U. S. Treas. Ctfs.....	135.87	17,699.59
Total		<u>\$19,641.51</u>

DISBURSEMENTS

Salaries	7,791.25	
Relief Work	725.00	
Expended a/c Free Bed Fund	475.00	
Donation to Stanford Medical Department for Free Beds	1,000.00	
S. F. Social Service Exchange Dues.....	110.00	
Stationery, Printing and Stamps.....	215.78	
Cabinet File	19.95	
Frame for Poster	4.89	
Expenses of Exhibit	39.50	
Expenses to Convention—Miss Wales and Miss Mills	49.50	
Insurance Premiums (Fire & Water) on Christ- mas cards stored at hospital—value \$1000.....	28.80	
Expenses Christmas Entertainment at Hospital....	72.00	
Transferred to Endowment Account.....	1,775.00	
Purchase of U. S. Treas. Ctfs. as a Reserve to General Funds: 4¾%.....	5,000.00	
4¼%.....	1,500.00	18,806.67
Sept. 1, 1922—Balance in Bank.....		\$ 834.84
Reserve Fund—U. S. Treas. Ctfs.		6,500.00
Total in General Funds		<u>\$ 7,334.84</u>

ENDOWMENT FUND

August 1, 1921, to September 1, 1922

Aug. 1, 1921—Balance in Savings Bank.....		\$ 566.34
Interest from Bonds	\$ 588.64	
Interest from Bank Deposits.....	1.59	
Life Memberships:		
Mrs. W. P. Treat	\$100.00	

Mr. F. S. Heller, in Memory of			
Martin Heller	100.00	200.00	
Received from General Funds.....		1,775.00	
Legacy from Estate of Katherine Dillon			
Winship	2,000.00		4,565.23
			<hr/>
Total			\$ 5,131.57
Withdrawn for purchase of following securities :			
\$1,000.00 Cal. Gas & El. Un. & Ref.			
5% Bonds at 94.....		953.06	
\$1,000.00 Cal. Gas & El. Un. & Ref.			
5% Bonds at 94 $\frac{7}{8}$		969.58	
\$2,000.00 East Bay Water Co., 1st Mtg., 30 yr.			
5 $\frac{1}{2}$ % Bonds at 98 $\frac{1}{4}$		2,009.42	
\$ 600.00 U. S. Liberty Loan—2d			
4 $\frac{1}{4}$ % Bonds at 88 $\frac{1}{2}$		540.42	
\$ 300.00 U. S. Liberty Loan—2d			
4 $\frac{1}{4}$ % Bonds at 97.58		295.44	4,767.92
			<hr/>
Sept. 1, 1922—Balance in Savings Bank			\$ 363.65

LIST OF SECURITIES

		<i>Par Value</i>
2d Liberty Loan Bonds—Converted	4 $\frac{1}{4}$ %	\$ 3,000
3d Liberty Loan Bonds	4 $\frac{1}{4}$ %	1,000
4th Liberty Loan Bonds	4 $\frac{1}{4}$ %	4,000
Cal. Gas & El. Co. Un. & Ref. Bonds	5 %	2,000
East Bay Water Co., 1st Mtg. Bonds	5 $\frac{1}{2}$ %	2,000
Pac. Tel. & Tel. Co., 1st Mtg. Col. Tr.	5 %	3,000
		<hr/>
Total		\$15,000

REPORT ON CHRISTMAS CARD SALE

The total number of boxes of Christmas cards sold were ten thousand; boxes of seals three thousand; and special cards two thousand.

We hope to increase this amount the coming year, and with the coöperation of all interested in our work in the Clinics we feel sure this will be the case. Each year finds us new friends, and with our already numerous and conscientious workers we can but expect even greater success.

The Board desires to express its appreciation to the daily newspapers for their help and support in all matters of publicity, and especially to acknowledge the courtesies extended by the following business houses to the ladies selling cards at tables during our Christmas drive: The White House; City of Paris; Shreve & Company; Magnin's; H. Liebes & Company; Nathan-Dohrmann Company; O'Connor, Moffatt & Com-

pany; Foster & O'Rear; Shreve, Treat & Eacret; Roos Brothers; The Emporium, and Hale's.

FUNDS FOR FREE-BEDS, MEDICINES, X-RAYS, ETC.

September, 1921, to July 31, 1922

There are no endowed beds at this hospital, but certain funds have been provided for the use of clinic patients who are unable to pay for treatment. During the past year 431 patients received hospital care in this way, making an aggregate of 2124 days of hospital service. X-Rays, free medicines, treatments, etc., have been given amounting to 2519. Sometimes the patient is able to pay for part of the service; often it is given as a loan until the patient is able to repay.

Organizations all over the city benefit by these funds, as for example, the Associated Charities, Children's Agency, Little Children's Aid, Boys' Aid, Juvenile Court, Chinese Mission, Relief Home, California Home for Girls, House of Friendship, Seaman's Institute, San Francisco Tuberculosis Association, Widows' Pension Bureau.

Members of the Auxiliary raised funds to assist patients unable to pay for hospital care, and also certain funds for braces, glasses, and general relief.

During the past few months an anonymous fund has been provided, amounting to over a hundred dollars monthly; this has been of great benefit to the children coming to our clinics, who were often sent into the hospital as emergency cases.

FUNDS FOR FREE BEDS, MEDICAL, LABORATORY AND X-RAY SERVICE

Stanford University to Clinics and Social Service.....	\$10,000.00
Stanford Clinics Auxiliary	1,500.00
Anonymous Fund for Children (for past 6 months).....	600.00
Stanford Clinics Auxiliary for braces, glasses, etc. (including carfare)	221.90
Total	<u>\$12,321.90</u>

LIST OF MEMBERS OF THE COMBINED STANFORD CLINICS AUXILIARY AND
SAN FRANCISCO MATERNITY

MEMBERSHIP

Life membership, \$100; Sustaining membership, \$25 a year; Associate membership, \$10 a year.

Subscriptions and donations should be sent to Miss Myra Lane, Assistant Treasurer, Room 511, No. 14 Montgomery Street, San Francisco, California. All such donations and subscriptions will be duly acknowledged in the annual report.

LIFE MEMBERS

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Mrs. Arthur Eloesser	Mrs. Frank Miller	Mrs. Walter P. Treat
Mr. George P. Fuller	Mrs. John W. Mitchell	Mrs. Lynette Vandervort
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Mrs. Joseph D. Grant	Mrs. J. Leroy Nickel	Mrs. Ray Lyman Wilbur
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 Mrs. Leslie Miller Moore
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Mrs. A. K. Salz
 Mrs. Lloyd Weaver

In the group of hospitals in charge of the Stanford School of Medicine, Lane Hospital is organized as a separate unit for the care of clinic patients.

This Hospital provides a large amount of free service for the poor of San Francisco.

It has insufficient endowment and each year it develops a large deficit which must be met.

FORM OF BEQUEST

I give and bequeath to the Board of Trustees of the Leland Stanford Junior University the sum of \$....., the income of which is to be used for the maintenance of free beds in the Hospitals of the University.

YOU MAY HELP LANE HOSPITAL IN ANY OF THE FOLLOWING WAYS

- (1) Contributing to our free bed account.
- (2) Contributing to the Social Service Fund.
- (3) Contributing to the Out-Patient Obstetric Fund.
- (4) Contributing to the School of Nursing Scholarship Fund.
- (5) Contributing to the School of Nursing Library Fund.
- (6) Contributing to our Occupational Therapy service.
- (7) Contributing fruit and flowers for the patients.
- (8) Contributing funds for a roof garden for the "shut-ins."

